

CURRICULUM VITAE

Justin Schmidt

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I'm interested in the interface between people, technology and the web. Displaying digital projects in interesting ways that invite engagement and interaction.

Currently

GovHack 2018

Assemble a team including programmers, designers and other interested parties to build a series of senses around the City of Darwin to monitor temperature and humidity in real time.

Key Responsibilities:

- Conceive and design the data modules
- Manage data through mySQL and plot using open source javascript libraries
- Implement the program at a community level through P-Tech | CSC

Interactive Technologies Workshops for Inspire Australia/ CDU: Working with CDU to roll out IoT seminars building datachains with a variety of client groups including schools and libraries. Aims to engage people practically with a range of technologies demonstrating hands on IoT

Key Responsibilities:

- Develop program involving microcontrollers and basic coding
- Teach to a diverse range of people (including teachers and librarians)

Intellipool: Designing and building a pool management system. Logging pool data to the web and creating an IoT (Internet of things) module. We have \$100k from the Department of Innovation to develop this NT based startup

Key Responsibilities:

- Design and articulate the system, build prototype
- Code C++, PHP, HTML, Javascript to manage data and control system
- Build electronics for the module

Masters Study CDU

"Open source data logging. Empowering communities to measure things they want to change."

More information can be found here:

https://docs.google.com/document/d/19Jo8G_uupxArDKovyXxy69ZIWMfiejGXF6nFTn35dOg/edit?usp=sharing

Key Responsibilities:

- Create a research project involving community open source data logging
- Units in technology and education

Luckybat.space

Creating Nightcliff's new coffee house and exhibition space. Building a masonry oven for baking quality breads and building a subscription based ordering system online as well as a direct live oven feed to the website. <http://luckybat.space>. Includes a 10 metre gallery wall for local exhibitions.

Key Responsibilities:

- Design and build the space
- Promotion | social media
- Business systems
- Build baking and production regimes

Recently

Holiday programs

Sausage (2016): An original CoD Libraries holiday program that engages young people through collaboration, technology and creation (or messing about with art and technology)

Images, sound, video combined together with various other ingredients and ideas stuffed into a digital installation at the end of the program.

Key Responsibilities:

- Conceive, produce and deliver the program

Till December 2015: Managing the Digital Enterprise Project: A series of coding classes produced for a uniSA funded program for kids with ASD (Autism Spectrum Disorder). The aim is to develop a smorgasbord of well documented projects that can be used and adapted by others. I believe people learn best when they are self directed through a project that interests them. We have a well documented website: <http://dedarwin.net>

Key Responsibilities:

- Liaise with UniSA for setting up the Darwin site
- Promote the program through digitally through the web and social media (collecting over 40 applicants from the Darwin region)
- Recruit/ manage mentors and Research Assistants
- Develop an engaging youth technology program
- Meetings with Chief Investigators and write detailed reports and site appraisals
- Develop and build the website to promote our activities and communicate with parents and other stakeholders (or show off what we do!)
- Create end of year exhibition [Tech House](#)

Working at [Corrugated Iron Youth Arts](#) developing youth tech projects and re imaging their

website and IT/booking systems.

Key Responsibilities:

- Set up web server (cpanel): emails, multiple websites, create booking system
- Build and design a new functional website (wordpress) and booking system
- Train staff to make the website a 'live entity'

Freelance

Website Development: Legal Aid Commission NT, NT woman's lawyers association, Aquasense.online (Total Pool Management)

Media Production: making advertisements for various clients including City of Darwin Libraries ([look!](#)) and Channel Ten Darwin.

Key Responsibilities:

- Design and produce motion graphics to a brief
- Adobe Creative Suite: Photoshop, Premiere, After Effects

Skinny Fish Music: Rebuild their IT systems , includes building in house system for them to manage their own server and mail system/ setup NAS (Network Address Server) server to house data

Key Responsibilities:

- Appraise IT systems and develop a plan to make a fool proof robust system
- Train staff and document

January 2013 - February 2015: Project Officer City of Darwin running the Darwin Digital Hub as a part of the cultural infrastructure of the NBN rollout. This project was based at the City of Darwin Libraries and taught digital literacy in all its' many guises including media production and website creation.

A number of tech engagement projects were conceived and developed working with National Youth Week, Bagot Festival and Manunda Terrace primary school.

[Facing Tracy](#): an interactive media project designed and created for the City of Darwin project to commemorate the 40th anniversary of Cyclone Tracy. A touring booth interacts with members of the public who become part of a great picture mosaic. It involves a masala of technologies for a web based result. I designed and developed an app that feeds and connects data directly with a website. Thousands of people interacted with the project and it was the premiere part of council winning the Local Government National award for communication in April 2015 for their cyclone Tracy commemorations. It has also been nominated for an [ALIA](#) and [VALA](#) award.

Key Responsibilities:

- Develop contacts within the community to promote program

- Promotional program that included web, radio, flyers
- Develop a diverse program which engages with all members of the community
- Darwin Community Web Hosting (build websites)
- Conceive/ pitch/ build an interactive media project for” 40th commemoration of Cyclone Tracy’

Previous Work

2006 - May 2012: [Artful Dodgers Studios](#): Working with young artists to produce and promote their art practice as well as developing social enterprise projects including opening a community gallery.

Key Responsibilities:

- Set up social enterprise [Gallery](#) and other options for young people to present on show original work. Promote gallery to the wider community
- Website building/ NAS server / managing client media files
- Grant writing
- Media production: filming and producing video clips working as a community cultural development artist

2005 - May 2012: Conceiving, designing, building and operating Horse Bazaar, a new digital art bar with a focus on emerging media and technology [horsebazaar.com.au](#) maintaining a 15 metre panoramic projection and playing with digital decor. We developed a cluster of computers to control 8 projectors and were developing our own media delivery software (visualsynth). We also developed the world’s first RPU (rear projection urinal)

Collaborating with RMIT, [MONA](#) to procure and create panoramic content

Key Responsibilities:

- Negotiate Lease /procure investors and capital
- Design and build the fit out
- Manage panoramic content and liaise with content makers
- Organise Website and media content for panoramic screens

2006 - 2010 Running Digital Fringe, a part of the Melbourne Fringe Festival that opens Fringe up to new media. Designing and building websites, CMS systems for video, collating content doing promotion. As Co-producer writing grant applications and acquittals and finding sponsorship was a major part of the job. We received 5 years of FilmVic funding and sponsorship from Telstra

Key Responsibilities:

- Conceive and devise produce a digital art festival with the Fringe ethos of open content
- implement kaltura open source video system to manage hundreds of pieces of digital content and maintain contact with artists
- Build websites and graphics

- Promotion to hundreds of artists and screens

2007-2009: Avatar, a VicHealth funded program put together by Victoria University as a part of a large project to look into young people's interactions and communications with technology. this project morphed into thelab.org.au

Key Responsibilities:

- Conceive and devise produce an engaging youth technology project
- Get the program out to 'at risk High Schools using 'Second life'
- Write reports

2001 -2005: Part Time work at YSAS (Youth Substance Abuse Service). Work included setting up computer systems so young people have access to popular culture, included a program to get business to donate old hardware and build computers with young people to give them access to IT in a hands-on interactive way. (2001-2006)

June - August 2001: Chosen to be part of SWIRL (story writing in remote locations) project to run a holiday program on an Aboriginal Community in the Northern Territory, this involved successfully implementing an IT program under adverse conditions

1999-2001: Set up Honkytonks a very successful iconic Melbourne nightclub

Grants, Prizes and Highlights

2018	delivering IoT workshops for the Department of Business and Innovation
2017	School Council member Nightcliff Primary School
2015	Digital Media Strategy Masterclass (Adelaide)
2015	'Facing Tracy' was instrumental in City of Darwin winning a National Local Government Communication Award
2014	Judge on Young Territory Author Awards panel
2014	ALIA (Australian Library and Information Association) Recognition award for DCWH (Darwin Community Web Hosting)
2006-2010	Film Victoria / Digital Media fund - Digital Audience Development Grant - Digital Fringe festival (\$8,000- \$20,000 per annum)
2009	Shortlisted for a City of Melbourne Laneway Commission (\$2,000)
2008	Shortlisted for Signal commission (1 of 4) (\$5,000)
2008	GRL Graffiti Research Labs master class Adelaide Festival (1 week)
2007	City of Melbourne - Small Business Development Grant (\$20,000)
2007	Jack Brockoff 'pixelbox' youth project (\$10,000)
1999	Furniture Design RMIT : FIAA Prize for design (\$500)
1995	Scholarship to Study at Nanjing Teachers College China (3 months)

Other Experience

2012: 5 months 4WDing from Brisbane to Cape York and around the Gulf to Darwin with my partner and 2 children

1990-8: I have spent five years traveling, living and studying abroad (Japan, China, India, South East Asia and Europe)

Education

Masters of Digital Learning (Current) Charles Darwin University
Bachelor of Letters (History and Mandarin) Monash University
Bachelor of Science (Biochemistry and Immunology) Monash University
HSC Melbourne High School

Referees

Karen Conway (Digital Hub Project Officer 2012-2015)
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Denise Wood (Digital Enterprise Program 2013-2015)
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