Edward Taylor

CONTACT

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WORK EXPERIENCE

Savesign   November 2017 — Present

Linux/Raspberry Pi Developer

- Linux development based on RHEL
- Development tools for future support strength
- Custom prebuild image including:
  - Boot screens
  - Passwords
  - Wifi connection manager through Wireless AP on board
  - Error management
  - Debug screens
  - Remote support systems

Blackwell Design   July 2017 — October 2017

Full Stack Web Developer

Making a web app for generating personal and more beautiful videos with integrated text using
Skills:

- Node.js
- ffmpeg
- Functional programming
- Brushing up on web design

Sunny Side Up   May 2017 — November 2017

Developer

Working as a general code handyman when they have projects that need my help.
Skills:

- Misc html/css/js work.
- Implementing and testing features for website development.
- Setting up and managing developer/production build systems using webpack and Silverstripe.

GeneralApps   March 2016 — January 2017

Android Developer/Designer

Creating an MVP android app from scratch that is able to record audio and allows the user to manipulate that audio
to make loops and tracks while collaborating live with friends with an intuitive UI.
Can be downloaded from Google Play here: https://play.google.com/store/apps/details?id=generalapps.vocal

- Mocked up, designed, programmed and tested solely by me.
- Learnt a wealth of skills for app development
  - Separating UI and data logic
  - Basic Model-View-Presenter design architectures
  - Java coding paradigms
  - Android Studio workflow

- Using trello and other tools to work closely with a client every step of the way to manage expectations and get them to the app they both want and will work well.
- Learnt how to balance working with clients and figuring the best way to carry out their needs while having consideration for design.

Jade Software Corporation   December 2015 — February 2016

Internship

Worked with 2 other interns to create a simplified web-based interface for Master Terminal
- Made an MVP that showed off the simplicity of the system with use examples
- Programmed on C# and Javascript
- Had to overcome challenges working closely with others on one project

Jade Software Corporation   December 2014 — February 2015

Internship

Working with Technology team
- Programmed a Business Process Engine from scratch to integrate with Master Terminal
- Programmed in C# and learnt more complex techniques such as reflection, generics.
- Worked using a source control system (TFS)
- Made an experimental VR workspace program during an internal code jam

Jade Software Corporation   December 2013 — February 2014

Internship

Media Internship
- Research and management of CMS's
- Writing internal software
- Video editing
- Working in a larger team

Self Employed   2009 — 2015

ICT Help

Worked with clients helping with tech problems and doing problem solving, as well as teaching users how to interact with software.

INTERESTS

- Reggae/Jazz band
- Band for MUSOC production
- Programmed a multiplayer gamemode for Garry's Mod with a friend (https://steamcommunity.com/sharedfiles/filedetails/?id=389065555)
- Enjoy experimenting with audio and ideas using little programming projects
  - Little project exploring using audio to change meshes in a 3d game (https://github.com/edeetee/Music-Maze)
  - Project trying to find new ways to have lights reacting to music, made me interested in the idea of looping sensory data through other channels and the idea of making more sensory data sync up causing a more immersive experience. (https://github.com/edeetee/light-spectrum)
- Enjoy skiing, exploring our country, camping and swimming.
- Have a facination with the brain and how it works that I wish to persue with study.
- Favourite Musical Artists: Tame Impala, Chrome Sparks, Jamiexx, Childish Gambino, Gorillaz
- Currently pursuing visual performance design and interactive art.

ACHIEVEMENTS

St Andrews College 2013 ICT Prize
Canterbury University Snow Sports Club - Publicity Sub-Comittee (2015/2016)
Grade 7 Saxophone with Distinction - Trinity College London
Head of Jazz Band 2013
South Island All Star Band for Baritone Saxophone 2012/2013
PADI Open Water Diver
OSH Certified Forklift Operator
Programming since 2010

EDUCATION

BSc Computer Science   2014 — 2015

University of Canterbury

2017
Currently studying a Bachelor of Design Innovation with a major of Media Design at Victoria.
CCDN271 Design as Inquiry: A
MDDN242 Creative Coding II: A+
MDDN352 Mobile Media: A

2014-2015
Majoring Computer Science at Canterbury
First year average: A-

NCEA   2009 — 2013

St Andrews High School

NCEA Level 1 Merit
NCEA Level 2 Merit
NCEA Level 3 Pass

REFERENCES

Robbie Harris
Owner of GeneralApps
robbie@generalapps.co.nz

John Trott
Boss for Savesign
john@savesign.com