

Charlton Groves

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WORK EXPERIENCE

Web Development	Brisbane, QLD
Olive Way – Ecommerce clothing brand (Full Stack) (RoR, slim)	2016
<ul style="list-style-type: none">- Performed front end optimizations to improve user experience- Fixed database schema and performed database migrations	
Richard Groves Architects - Architecture firm	2016-2017
<ul style="list-style-type: none">- Designed using drawn paper prototypes- Implemented using html/css/jQuery and hosted using AWS	
Private Tutoring	Brisbane, QLD
High School Tutor for Math B, Physics, and Chemistry	2015-Present
Bar Staff, Hospitality	Brisbane, QLD
Brothers Rugby Club	2015-2016

PROJECTS

SyncUQ – A University of Queensland exclusive schedule sharing and social media platform
Frontend: Purescript, JavaScript
Backend: Python (using Flask and SQLAlchemy), Postgres, Heroku
Duxcom – Open source turn based isometric game. Developed in Java using continuous integration and TDD (Java, XML, JSON, Git, Jenkins, SonarQube)
Tetris – A remake of the classic game tetris using a 74HCT chip kit and programmed using Atmel Studio and the C programming Language (C, Arduino)
Personal Website – You can read more about my projects here www.charltongroves.com (HTML, CSS, JS)

TECHNOLOGIES

Object Oriented Programming – **Java**
Scripting – **Python** | **JavaScript**
Functional – **Haskell***
Systems Programming – **C** | **Assembly***
Web Technologies – **HTML/CSS/JS** | **jQuery** | **Purescript** | **Flask** | **Ruby on Rails*** | **elm***
Tools – **Git** | **Jenkins** | **SonarQube** | **Heroku**
OS – **Linux** | **Windows** | **OS X**
DB – **MySQL** | **Postgres**
* limited experience

EDUCATION

University of Queensland	Brisbane, QLD
Bachelor of Science, Extended Major in Computer Science	2015-2018
UQ Computing Society Member	
2015 – Focus on Physics/Mathematics Dual Major	
2016-2018 – Focus on Computer Science Extended Major	
Church of England Grammar School (Churchie)	Brisbane, QLD
Grade 6-12	2008-2014
Full colors for academic excellence	
Final year subjects: Math B, Math C, Physics, Chemistry, English, Art	

AWARDS

- Shoot the Architect – Photography portraiture prize – High Commendation
- Young Archie – National traditional art portraiture prize – High Commendation