

Connor Beardsmore

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR · CURTIN UNIVERSITY

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Education

Curtin University

Perth, Australia

BSC IN COMPUTER SCIENCE, 91% CWA

2015 - 2018

Skills

Comfortable C, Java, Python, Pandas, SQL, Git, Bamboo, JIRA, LaTeX

Familiar Javascript, MEAN, C++, Hadoop, AWS, HTML, CSS, Unix

Experience

Optiver Asia Pacific

Sydney, Australia

‘ SOFTWARE DEVELOPER INTERN

Nov. 2017 - Feb 2018

- Developed the port of a C++ server and associated client library, and implemented the library into 2 Auto-trader systems.
- Advanced system testing through a mock Python server and facilitated continuous integration via Bamboo.
- Performed data analysis using Python Pandas within an ETL framework with a PostgreSQL database.
- Developed an analytics dashboard with a Javascript front-end working closely with the HKD1 trading team.

Thales Australia

Perth, Australia

‘ STUDENT SOFTWARE DEVELOPER

Mar. 2017 - Nov 2017

- Researched the viability of a serverless architecture using Amazon Web Services for a data analytics platform.
- Streamed data from a RESTful api with AWS Kinesis and queried the data via AWS Athena.
- Implemented an AngularJS frontend backed by AWS Lambdas and API Gateway.

Curtin University

Perth, Australia

‘ SESSIONAL ACADEMIC

Feb. 2016 - Feb 2018

- Tutor for 5 computing units covering Java, C, Unix, Operating Systems, Computer Graphics, Data Structures and Algorithms.
- Tasked with delivering tutorials for 20 students per class over 8 weekly classes.

Extracurricular

Computer Science Students Association

Perth, Australia

‘ VICE PRESIDENT

Feb. 2017 - Nov. 2017

- Increased membership count to 250 through running of 20 annual events and liaising with Industry Sponsors.
- Managed 10 committee members and delegated task load to achieve Curtin Guild's People's Choice award for 2017.

Computer Science Students Association

Perth, Australia

‘ REVISION SESSION TUTOR

Feb. 2016 - Present

- Provided test and exam revision sessions for approximately 600 students in total.

Projects

UpcomingEvents - Ubersicht iCalendar Widget

Coffeescript

- An Ubersicht widget for Mac to display upcoming iCalendar events on the desktop.
- Developed in CoffeeScript and utilizing jQuery features with over 520 downloads.

CurtinIdeas - Online Collaboration Platform

Python, Django

- A full-stack web development project in a team of 5 peers, utilizing Agile methodologies.
- Platform produced using Python and the Django web framework. (cbeardsmore.pythonanywhere.com)

YaccLexxy - Language Parser Implementation

Yacc, Lex

- A full parser implementation for a developed language using both Yacc and Lex.

Honors & Awards

2017 Curtin Vice Chancellors Honour Roll x 3

2017 Best Capstone Project Award

2015 Curtin Science Excellence Scholarship

2012 Mentor IMC Group Scholarship