Connor Beardsmore

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Summary

A highly skilled Software Engineer with an interest in programming, problem solving and collaborative team-work. A fast learner - skilled in Java - with an eagerness to learn new technical skills and utilize them in a productive agile environment.

Education

Curtin University **Perth**
BSc - Computer Science, 91% *2015–2018*

Guildford Grammar School **Guildford**
Western Australian Certificate of Education *2009–2010*

Technical Skills

Comfortable: C, Java, SQL, Git, Markdown, LaTeX

Familiar: Python, HTML, CSS, Unix, JavaScript, C++, OpenGL, Hadoop, AWS, Bamboo

Employment Experience

Optiver Asia Pacific **Sydney**
Software Developer Intern *2017–2018*

- Developed the port of a C++ server and associated client library.

- Developed a Python mock server to facilitate system testing and continuous integration via Bamboo.

- Implemented the client library into 8 Autotrader systems and rolled out into production.

Thales Australia **Perth**
Student Software Developer *2017–2017*

- Worked on a team software development project as part of a University Capstone course.

- Achieved "Best Project Award" for Curtin University's Capstone Awards.

- Researched the viability of a serverless architecture using Amazon Web Services.

- Implemented an AngularJS frontend backed by AWS Lambdas and API Gateway.

Curtin University **Perth**
Sessional Academic *2016–Present*

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

Extra Curricular

Computer Science Students Association **Curtin University**
Vice President *2017 - 2017*

- Tasked with running the club representing 250 computing students at Curtin.

- Organised club resources, assisted the President, ran 20 events annually and liased with industry sponsors.

Computer Science Students Association   **Curtin University**
Revision Session Tutor   *2016 - Present*

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

- Tasked with preparing question worksheets, presenting slides and answering student questions.

Curtin University   **Curtin University**
New to Curtin Mentor Program   *2016 - Present*

Department of Computing   **Curtin University**
Curtin Open Day Volunteer   *2016*

Main Roads Western Australia   **Department of Transport**
Hackathon Participant   *2016*

Projects

YaccyLexxy   **Yacc, Lex**
Parser Implementation   *2017*

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

CurtinIdeas   **Python3, Django**
Online Collaboration Platform   *2016*

- A full-stack web development project in a team of 5 peers, utilizing Agile methodologies.

- Platform produced using Python3 and the Django web framework.

- The project is hosted at *cbeardsmore.pythonanywhere.com*

UpcomingEvents   **CoffeeScript**
Ubersicht iCalendar Widget   *2016*

- An Ubersicht widget for Mac to display upcoming iCalendar events on the desktop.

- Developed in CoffeeScript and utilizing jQuery features with 500 downloads.

Undecided-HCI7   **Java**
GUI Re-design   *2016*

- A full GUI implementation for the Tar command line utility in Java Swing, under the Netbeans IDE.

SlidWind   **C**
Sliding Window Protocol Implementation   *2016*

- Developed an 'OSI' style layered network architecture in C.

- Built for use on the CNET network simulator, illustrating a sliding window protocol for a 7-node network.

Achievements

2012, 2016, 2017: Curtin Vice-Chancellors Honour Roll

2017: Curtin Computing Final Year Project Award

2017: Curtin Student Guild People's Choice Award (ComSSA)

2015: Curtin Science Excellence Scholarship

2013: Mentor IMC Group Scholarship

Interests

+ Teaching and Learning   + Japanese Language
+ Running, Snowboarding, Jiu-Jitsu   + Software Security