

# 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

BSc - Computer Science, 91%

Perth

2015–2018

### Guildford Grammar School

Western Australian Certificate of Education

Guildford

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

Software Developer Intern

Sydney

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

Student Software Developer

Perth

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

Sessional Academic

Perth

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

Vice President

Curtin University

2017 - 2017

- Tasked with running the club representing 250 computing students at Curtin.
- Organised club resources, assisted the President, ran 20 events annually and liaised with industry sponsors.

**Computer Science Students Association***Revision Session Tutor***Curtin University***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***New to Curtin Mentor Program***Curtin University***2016 - Present***Department of Computing***Curtin Open Day Volunteer***Curtin University***2016***Main Roads Western Australia***Hackathon Participant***Department of Transport***2016*

## Projects

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

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

**CurtinIdeas***Online Collaboration Platform***Python3, Django***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***Ubersicht iCalendar Widget***CoffeeScript***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***GUI Re-design***Java***2016*

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

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

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**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

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+ Teaching and Learning

+ Japanese Language

+ Running, Snowboarding, Jiu-Jitsu

+ Software Security