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, Docker, Maven, SQL, Git, Bamboo, JIRA, IntelliJ, LaTeX
Familiar   C++, Javascript, JUnit, HTML, CSS, Jekyll, MEAN Stack, Hadoop, AWS

Experience

Virtual Gaming Worlds   *Perth, Australia*
' Software Developer   *March 2018 - Present*
- Enhancing the Java backend of a large scale networked gaming system running on AWS and JBoss application servers.

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 performed data analysis 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.
- Facilitated tutorial delivery, test invigilation and assignment marking for up to 200 students per semester.

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*
- Organised exam revision sessions and delivered lectures for approximately 600 students in total.

Projects

UpcomingEvents - Ubersicht iCalendar Widget   *Coffeescript, jQuery*
- An Ubersicht widget for Mac to display upcoming iCalendar events on the desktop.
- Developed in CoffeeScript and utilizing jQuery features with over 530 downloads.

oosey - Property Profit Simulator   *Java, JUnit*
- A java program simulating property trading, implementing common software design patterns.
- Fully unit tested via JUnit and Mockito with CI employed via BitBucket Pipelines

cscareers.net - Computing Internships Website   *Jekyll, HTML, Markdown*
- Developed a statically generated site hosted on Amazon S3 to display current Australian internship opportunities.

Honors & Awards

| 2017 | Curtin Vice Chancellors Honour Roll x 3 | 2017 | Curtin Computing Project Award |
| 2015 | Curtin Science Excellence Scholarship | 2012 | Mentor IMC Group Scholarship |