Joseph Spearritt

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GitHub mcoot

Experience

2018–Present   **Junior Developer**, *Atlassian*

Developer on Platform-as-a-Service (PaaS) team, which builds and operates the internal PaaS that powers Atlassian's cloud product offerings
- Tech: Java, Go, Node.js, AWS, Docker, Kubernetes, Open Service Broker API
- Worked on: OSB broker for various AWS resources, Compute on Kubernetes support, OSB broker for platform-managed DNS names
- Involved in operating the platform including (internal) end-user support, incident response and out-of-hours On Call
- Attended AWS Re:Invent and KubeCon North America 2018 conferences with PaaS team delegation

2016–2017   **Intern Developer**, *Atlassian*

Intern on the Confluence Cloud team
- Worked on improvements to product health in monitoring, logging and CI/CD
- Built microservice for caching and propagating outage information
- Tech: Java, Spring Boot, Redis, Postgres, Docker, Bamboo CI/CD, Splunk

2016–2017   **Tutor**, *The University of Queensland*

Course tutor for Java/OOP and C/Unix subjects
- Member of course staff, responsible for running tutorials, practical sessions and marking
- Java course: taught Java basics, Object Orientation, principles of testing, recursive algorithms, generics
- C course: taught basics of C and Linux, memory management, debugging, multi-process and multi-threaded parallelism, Linux networking

Education

2014–2017   **Bachelor of Engineering (Software), Class I Honours**,
The University of Queensland,
University Medallist and Hawken Scholar, *GPA: 6.84/7*

Skills

Languages   Java, C, Python, Go, C++, JS/TS, Kotlin, SQL, Haskell

Technologies   AWS, Docker, Kubernetes, Git, Spring Boot, Flask, React, Postgres

Achievements & Projects

- **TAMods** – Personal project, game modification platform
  - Project docs: https://www.tamods.org/
- **UQ Computing Society** – Member of Executive Committee, 2017
- Australian Government **Australian Student Prize**, 2013