Adrian Irwin

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Education

Computer Applications, Software Engineering, BSc Oct 2020 – May 2024
Dublin City University 🔗 Dublin, Ireland
- First Class Honours (1.1) in 1st, 2nd and 3rd year.
Relevant Modules: DevOps, Full Stack Development, Data Structures &
Algorithms, Databases, Operating Systems

Coláiste Chú Chulainn 🔗 Sep 2014 – May 2020
- Achieved 455 Points in the Leaving Certificate. Dundalk, Ireland
- Received Student of the Year award in First Year.

Experience

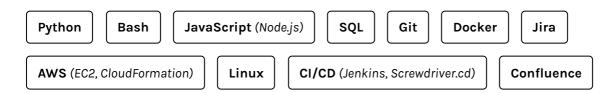**DevOps Engineer (Intern)** Mar 2023 – Aug 2023
Yahoo! 🔗 Dublin, Ireland
Worked under the Advertising Department on a low-latency targeting service,
which included multiple components.
- Worked with a team of developers to release component updates to
  production on AWS using Jenkins and Screwdriver.cd.
- Identified and fixed issues with production infrastructure, *e.g.* reduction in
  under utilised database instances which lead to an AWS cost decrease.
- Automated tasks using Bash scripts and Screwdriver.cd pipelines.
- Created new documentation and improved already existing documentation
  using Confluence.

Skills

| Python | | Bash | | JavaScript *(Node.js)* | | SQL | | Git | | Docker | | Jira |

| AWS *(EC2, CloudFormation)* | | Linux | | CI/CD *(Jenkins, Screwdriver.cd)* | | Confluence |

Projects

Carpool2DCU 🔗 2023
Third Year Project
Fullstack carpooling mobile application with a login system, automatic
updating of the route for the driver, constraints on picking passengers, a
rating system and ride history.
- Frontend: JavaScript, React Native framework
- Backend: JavaScript, Express.js, MongoDB