

# Andrew Reid East



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## Summary of Qualifications

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Early professional software engineer with experience in DevOps, CI/CD pipelines, and Linux admin

## Work Experience

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- 2019 – 2020 **DevOps Software Engineer** IBM (Galway, Ireland)
  - Part of DevOps team administering the build of an enterprise security application
  - Created Jenkins deployment pipeline to build and test containerized microservice
  - Wrote Ansible automation to SSL-harden Docker container orchestration worker nodes
- 2018 – 2018 **Software Engineer Intern** IBM (Galway, Ireland)
  - Developed features for an enterprise security Java EE app with a TypeScript frontend
  - Wrote a Linux daemon microservice deployed onto Red Hat Enterprise Linux
  - Developed automated UI tests in Selenium, integration in Spock, Unit in JUnit
- 2017 – 2017 **Software Engineer Intern** Ericsson LMI (Athlone, Ireland)
  - Developed features for JavaScript and Java EE enterprise network application
  - Wrote behavior-driven automated tests
- 2012 – 2015 **Integration Technician II** Tech Data (California, United States)
  - Developed automation installation scripting for IT technician workflows
  - Found inefficiencies, proposed automation, increasing throughput & allowing management to bid for larger contract

## Education

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- 2016 – 2019 **Bachelor of Science (Honors), Computer Science** National University of Ireland Galway
  - Overall GPA 90.18%, First-Class Honors (equivalent to A+ at NUIG grade scale)
  - **Thesis Project:** Genetic algorithm machine learning to automate creating a timetable in Java EE presented as a React app deployed to AWS EC2 and a Postgres database 📄
- 2014 – 2015 **Associate of Science, Computer Science** Riverside City College – Overall GPA 97.8%

## Technical Skills

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- Java, bash, JavaScript, Python, Groovy, TypeScript, C
- Jenkins, Ansible, Docker, Red Hat Enterprise Linux, git, vim, Gradle

## Professional Memberships and Personal Hobbies

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- Association for Computing Machinery (ACM) (since 2015)
- NUI Galway CompSoc (Vice-Auditor), Google Developers Group Galway
- Volunteering with Digital Champions at NUI Galway to teach digital literacy essentials
- Maker DIY hardware and software hacking, tabletop RPGs, hiking and camping