

Cillian Fennell

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Profile

Final Year Computer Science & Information Technology student at NUI Galway with interests in problem solving and technology at scale, seeking international opportunities

Education

BSc. Computer Science & IT

NUI Galway 2015 – 2019

GPA: 83%, First Class Honours

Awarded University Scholar Award for academic excellence

Thesis: Qualitative Reasoning

Leaving Certificate

St.Flannan's College, Ennis 2014/15

Points: 560

Experience

Software Engineer Intern IBM

Jan 2018 – Sep 2018 Galway, Ireland

- Actively participated in an agile scrum team
- Testing, debugging and development of a JEE cybersecurity web app
- Knowledge transfers, whiteboard sessions, presentations and demos
- Auditing, Logging, Reporting

Teaching Assistant NUI Galway

Sep 2018 – May 2019 Galway, Ireland

- Teaching and assisting of students with coursework covering topics including Python, Java 8, MapReduce and Apache Spark
- CT1101 Programming
- CT5105 Tools & Techniques for Large Scale Data Analytics

Test Lab/Continuous Improvement Intern Molex

Summer 15/16 Shannon, Ireland

- Manual data collection and entry using Excel
- Practiced Lean and Six Sigma principles

Referees

Available upon request

Technical Skills

Knowledge in the following areas obtained from experience, coursework or personal study

Languages

- Java 8 & JEE
- Python
- SQL
- C

Frameworks

- Apache Spark & MapReduce
- Hadoop
- Scikit-Learn & Pandas
- Spock
- JUnit

Tools

- Git
- Jenkins
- Gradle
- Maven

CS Fundamentals

- Various Programming Paradigms
- Algorithms & Data Structures
- Machine Learning Algorithms
- Database Systems
- REST & HTTP

Software Engineering

- SDLC
- Agile
- Version Control
- Code Reviews & Pull Requests
- QA

Mathematics

- Statistics & Probability Fundamentals