


CONOR KNOWLES

 Dublin

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Computer Science Student

WHO AM I?

I am a final year Computer Science student at University College Dublin, originally from Clare, Ireland. I'm particularly interested in systems development, back-end software development and security. I am an advocate for open source software, and am currently daily driving Arch Linux. I've spent a lot of time optimizing my linux/vim workflow as can be seen in my dotfiles.

LANGUAGES

- Python
- Java
- POSIX shell/bash
- Lua
- C

FRAMEWORKS

- SpringBoot
- JUnit
- PyTest

TECHNOLOGIES

- Git
- Linux
- Autotools
- X11

EXPERIENCE

- 05/20 – 08/21 **System Development Engineer Intern** **Amazon Web Services**
10 months
Worked on the Optical SysDev team for two internships. The first had a focus on automated configuration generation for optical transponders and linesystems in AWS' global network of datacenters. Was responsible for onboarding a new optical device to a fabric generation tool, automating DNS entries for devices, among other projects. The second focused on network consistency and operation library development.
- 09/20 – 03/21 **Coding Tutor** **Academy of Code**
Currently working part-time as a coding tutor for kids aged 8 – 18. Starting with Scratch and moving onto Processing and Java for older students.
- 06/19 – 08/19 **Kayak Instructor** **Camp Rockwell**
Worked as a Kayak Instructor as part of a team with 2 other instructors. Was responsible for children on the water and taught them the basics of kayaking. Approx. 5000 camp-goers attended, ranging in age from 6-16.
- 04/16 – 10/17 **Web Design** **Sonder Web Design**
co-founded
In total made 4 sales in the year the company was active, where self-taught coding and business management skills were utilized to offer a variety of services to customers.

EDUCATION

- 2018 – 2022 **Bachelors of Science** **University College Dublin**
Current GPA: 3.83
Notable Modules: COMP30220 Distributed Systems; COMP30930 Optimization; COMP57660 Secure Software Engineering
- 2018 **Leaving Cert** **St. Flannan's College**
544 Points

CERTIFICATIONS

REC 3: Rescue and Emergency First Aid
Fundamentals of Marketing: Google

HOBBIES

Public Relations Officer for UCDC Kayaking Club 19/20
Black belt in WSKF Karate
Scouting Ireland member since 2010

ACHIEVEMENTS

Fresher of the Year UCDC 2019
Grade 3 Proficiency Kayaker
Silver in Kumite at Nationals in 2016

References available on request.