

# CONOR KNOWLES

Computer Science Student



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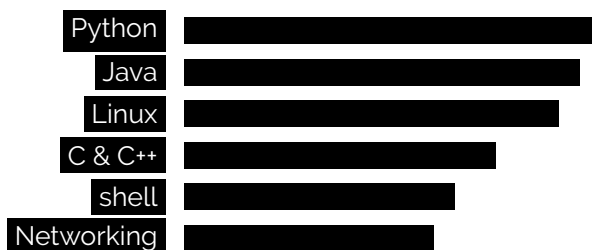
conorknowles.com

github.com/conorhk

@conorhknowles

## WHO AM I?

I am a third year Computer Science student at University College Dublin, originally from Clare, Ireland. I'm particularly interested in Systems development, Software development and Security. I use a Vim based setup in a tiling window manager (BSPWM). I've run Windows and Ubuntu in the past and am currently using Arch Linux.



## EXPERIENCE

- 05/20 - 09/20 **System Development Engineer Intern** **Amazon Web Services**  
Worked on the Optical SysDev team, with 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 platform to the existing network fabric generation tool, automating DNS entries for optical devices and designing configuration input validation systems.
- 09/20 - Now **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:* COMP20200 Unix Programming; COMP47750 Machine Learning; COMP30070 O.O.P.
- 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 UCDCC Kayaking Club 19/20  
**Black belt** in WSKF Karate  
**Scouting Ireland member** since 2010

## ACHIEVEMENTS

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

References available on request.