Conor O'Boyle

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PERSONAL PROFILE

- A dedicated and hardworking software student, interested in learning more about programming in general and developing software professionally.

- Very enthusiastic about Linux system administration and the Linux operating system. Experienced in working with desktop, web and system applications.

EDUCATION

- **B.Sc. Computer Science and Information Technology**
  NUI Galway, 2nd and 1st Year: 1:1 result
  Currently in third year
  September 2020 - Present

- **Leaving Certificate**
  Calasanctius College, Oranmore
  2015

SKILLS

- **Programming Languages**
  Python, Cpp, Bash, Javascript, Typescript, Java

- **Other technologies/paradigms**
  Object Oriented Programming, NoSQL (Google Firebase), SQL and MySQL Server, Linux command line/basic system administration(cron,crontab)

- **Project Management**
  Git, Github, Kanban, Slack

- **Miscellaneous Word Processing**
  LaTex and TeXMaker, Vim/Emacs

SELECTED PROJECTS

- **johnson/logstamp** [github link]
  Two small bash scripts I developed: one to help backup my files, and another I made to help me make notes with timestamps.
  Linux, Bash

- **base sixty-four encode/decode** [github link]
  A small Cpp base64 encoder I made to familiarise myself with Cpp's map library. Designed and implemented according to RFC 4648 "The Base16, Base32, and Base64 Data Encodings"
  Cpp

- **Chaos Cards** [github link]
  My 2nd year Software Engineering I Project, an online card game. I was responsible for implementing much of the backend technologies, including the database, client/server interactions, and doing general bug testing and providing UI feedback.
  HTML, CSS, Typescript, Firebase

EXPERIENCE

- **Blizzard Entertainment Inc**
Customer Service Associate - Blackpool, Cork
Working initially resolving basic customer queries, my duties expanded to tracking down and resolving bug issues if there was known solution, while also writing detailed bug reports. Developed strong communication skills with my colleagues and with customers.
August- Novemeber 2016

- **Lighthouse Networks**
Network Support Engineer - Loughrea,Galway
Starting with handling customer queries, progressed to helping on-site installers handle repair jobs and installation jobs. Solved network area issues, from routine outages and isolate and solve network security issues.
2017-2018

- **Brampton Care Home**
Receptionist - Oranmore
Handled general customer queries over the phone/in person, liaised with nursing staff onsite re: specific resident behaviour, scheduled offsite activities (resident trips), did general cleaning duties, handled emergency situations (fire safety, resident medical distress, etc.)
May-August 2019

VOLUNTEER WORK/AWARDS

- **Akumakon (NUIG Anime & Manga Society)**
I was a volunteer for the convention for 2019, and was Vice Panels Manager for 2020. The latter involved scheduling a panels timetable for the three-day length of the festival, evaluating panels applicants, liaising with other team members on various issues, and running the individual panels on the day in tandem with the Panels manager. As a result of the committee's, and many other volunteers work, we won the best society event award for BICS (Board of Irish College Societies) 2020 Societies awards.

- **Conservation Volunteers Galway (CVG)**
I have been a volunteer for Conservation Volunteers Galway on and off since 2015, and have done field work including site clean up, replanting and weed maintenance in and around Galway City and neighbouring towns. Recent work includes gathering yellow-rattle as part of our ongoing orchid replanting scheme.

HOBBIES/INTERESTS

- **Computing-specific**
Security, specifically network security, computer graphics, formal verification/security, Linux system adminstration.

- **General**
Apart from previously mentioned volunteering, I also enjoy drawing, boxing, tabletop games and art history.

REFERENCES

Dan Clabby
Secretary
Conservation Volunteers Galway
(087) 6681327

Dr.Des Chambers
Lecturer, NUIG
(091) 493311