

Daniel Pontin

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Currently a Computer Science student at the University of Sussex, looking for graduate job in a programming position. I offer solid programming skills in multiple languages, and experience with different use-cases for each one. I also have previous experience in teams, working with customers and solving problems in a time-sensitive manner.

Education

Bachelor of Science (Honours), Computer Science, University of Sussex, Brighton - Completing June 2018

Key modules for my three years at Sussex include:

✓ Data Structures & Algorithms	77%	✓ Practical Programming	77%
✓ Computer Systems	76%	✓ Multimedia	72%
✓ Programming Concepts	72%	✓ Databases	79%
✓ Compilers and Computer Architecture	71.5%	✓ Computer Networks	82%
✓ Software Engineering	73%	✓ Human-Computer Interaction	71%
✓ Operating Systems	73%	✓ Java Programming	84%

During my degree at the University of Sussex I further developed my teamwork and time management skills, especially during a group project to develop a stock market simulation for Software Engineering module. This module let me put into practice the methodologies we have learnt such as Agile development and use tools such as Git and Slack in a team-based environment.

West Herts College / 2011-2013 / Watford

Overall MMM (Merit) in BTEC Level 3 Extended Diploma in IT.

St Joan of Arc Catholic School / 2006-2011 / Rickmansworth

10 x GCSEs includes Biology A, Maths B, Physics B.

Skills

Languages:

Java ★★★★★ / Python ★★★☆ / JavaScript ★☆☆☆ / C++ ★☆☆☆

Frameworks:

Flask / Unreal Engine / Android

Software:

IntelliJ IDEA / PyCharm / Visual Studio / Git / SVN / Nginx / MS Office / SQLite / MySQL / LaTeX

Systems:

Windows ★★★★★ / Linux ★★★☆

Projects

Final Year Project: For my final year of my Computer Science course at the University of Sussex I must complete a large project. For my project I have created an application that allows users to easily create interactive graphical experiences to show on large displays and are interactable using Microsoft's motion sensing input device, the Kinect. I used C++ as the main language and embedded the scripting language Lua to allow users to easily create their experiences, as well as using Microsoft's Kinect SDK. This project is currently ongoing.

Chip-8 emulator: I created an emulator in JavaScript for a simple fictional microprocessor, the Chip-8. My emulator supports the basic functionality as well as drawing to a canvas on a web page. From this project I learned a lot about the inner workings of CPUs such as opcodes, registers, and memory.

Technical Experience

Computer Repair Technician / Alcom Computing, Chesham / Full Time / September 2013 – August 2015

My time at this job covered:

- Using and developing my communication skills to understand customers hardware and software issues and solve these issues using my problem-solving skills.
- Developing time management skills to efficiently repair customer devices in a timely manner.
- Working with customers to solve their issues over the phone or in person.
- Gaining sales experience from selling computer parts, accessories, and services.
- Taking initiative to automate various parts of the job to increase efficiency.
- Undertaking training for Microsoft server qualifications.
- Working as a team with co-workers to solve larger problems beyond the abilities of a single person.

Other Experience

Mentoring / Vocalink, Rickmansworth / Periodically in June 2010 – September 2013

Vocalink is the primary operator of the ATM network in the UK. During my mentorship I was shadowing:

- Customer Service Director
- Database Administrators
- Senior Programmers
- Managers

Shadowing people in these positions helped to shape what I wanted to do for my career.

Interests

- Tabletop Gaming of all types, organizing game events.
- Programming, regularly self-teaching. Currently teaching myself C++ for use in my Final year Project.
- Building and maintaining desktop computers.
- Cycling
- Travelling

References

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