

Preslav Venkov

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in presvenkov

Experience

Sophos

Abingdon, UK

Software Engineering Intern

2017–2018

- Full stack engineer in the Sophos Central Cloud team
- Work on infrastructure, data storage, microservices and the front end UI
- Contribute to daily stand-ups, kick-offs, collaborative estimation and retrospective meetings
- Technology stack includes: Java, AngularJS and MongoDB, as well as Groovy for test automation

University of Manchester

Manchester, UK

Student Ambassador

2018–present

- Present to potential applicants and their parents during the university Open Days
- Demonstrate projects that I have worked on during my degree or at hackathons

Education

The University of Manchester

Manchester, UK

BSc Computer Science with Industrial Experience, Expected 1st

2015–2019

- Relevant courses include: Algorithms, Distributed Computing, Machine Learning, Databases
- Member of HackSoc and CSSoc
- Participate in multiple hackathons around the UK and Europe

Projects

3rd Year Project:

2018-2019

- AI/ML teaching tool for undergraduate students
- Tech stack: Python, Jupyter Notebooks, JupyterHub, AWS EC2

Eventlite team project:

2017

- Used MVC design pattern, Java Spring and test-driven development
- Integrated third party APIs (Google Maps, Twitter)
- Tested using Mockito

Stendhal team project:

2016

- Contributed to Stendhal, an open source (Java-based) multiplayer game
- Implemented new features, fixed bugs and added unit and functional tests
- Learned how to use version control (Git) and Continuous Integration (Jenkins)

Volunteering

2nd and 3rd Year Student Representative: Member of the student staff committee

PASS (Peer Assisted Study Sessions) Leader: Support a group of 12 first year students by helping them find solutions to academic problems through discussions and guided questioning

Hackathon Organiser - PR-Marketing: Elected to be part of the organizer's team working on GreatUniHack and StudentHack 2016/17

Skills

- **Programming (Proficient):** JAVA
- **Programming (Familiar):** Python, C, Matlab
- **Web development (Familiar):** JavaScript, AngularJS, HTML/CSS, ReactJS
- **Frameworks:** Spring, Mockito, JUnit, Jupyter Notebooks
- **Databases:** MongoDB, SQL
- **Other:** Git, Docker, AWS, Groovy, Jenkins
- **Languages:** English (full working proficiency), Bulgarian (native), German (limited working proficiency)