# Preslav Venkov

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**in** presvenkov

## Experience

**Sophos**                                                                                                      **Abingdon, UK**
*Software Engineer - 12 month placement*                                                                        *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

**University of Manchester**                                                                                    **Manchester, UK**
*Student Ambassador*                                                                                            *2018–2019*
- 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 (Hons) Computer Science with Industrial Experience, First class*                                           *2015–2019*
- Relevant courses include: Algorithms, Distributed Computing, Machine Learning, Databases
- Member of HackSoc and CSSoc
- Participate in multiple hackathons across the UK and Europe

## Projects

**Analyse.ly**:                                                                                                 *2019*
- Hackathon winning project developed during StudentHack 2019
- Web application analysing lyrics for a given artist, including lexical complexity and sentiment analysis
- Tech stack used: ReactJS, NodeJS, Express, Fetch API, Axios

**Final Year Project**:                                                                                         *2018-2019*
- JupyterHub cloud environment set up on AWS to support a university course
- 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

## 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, NodeJS
- **Frameworks**: Express, 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)