

# Valeriy Dutt

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## EDUCATION

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### BSc (Hons) Computer Science with Placement Year

Sept. 2017 – June 2021

*University of Surrey*

*Guildford, England*

Currently on track for First Class Degree

### Foundation Year

Sept. 2016 – June 2017

*University of Surrey*

*Guildford, England*

Academic Average: 86%

## EXPERIENCE

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### Placement Training/Coaching Mentor

Nov. 2020 – Present

*University of Surrey*

- Prepare and guide a small group of students for their upcoming placement year opportunities
- Share my experiences and help them through the application process

### Lab Demonstrator

Sept. 2020 – Present

*University of Surrey*

- Supporting the delivery of 2 modules at the University of Surrey:  
Advanced Algorithms and Information Retrieval
- Helping a cohort of 2<sup>nd</sup> Year Computer Science students with lab sessions

### Undergraduate Placement Year

July 2019 – July 2020

*IBM*

*IBM Hursley, England*

- Worked in the Dev Team of Product Transformation Centre (PTC), Hursley
- Helped design, develop and support multiple tools for IBM's Open Source Clearance
- Worked on a wide spread of tools and software architectures, from back-end Java and micro-services in Angular to front-end application in React
- Resolved multiple work-critical issues that re-established PTC's normal function
- Helped design and develop Open Source Analysis tool, a new and more efficient front-end for Open Source Clearance

## PROJECTS

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### SmartProp | *Java, PostgreSQL, PHP*

June 2018 – Present

- Helped develop an ERP web software based on iDempiere, to help business owners manage property
- Implemented Google Authentication on login for extra security
- Implemented an SMS notification API for message reminders

## PERSONAL SKILLS

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### *Technical skills: In order of proficiency:*

**Languages:** Java, Python, C/C++, PHP, JavaScript, R

**Developer Tools:** Git, Docker, Gradle, Maven, Jenkins, TravisCI

**Frameworks:** React, Node.js, JUnit, Mocha, Jasmine

### *Soft Skills:*

**Languages:** Fluent in English, Russian, French

**Characteristics:** Eager learner, perseverant

## EXTRACURRICULAR ACTIVITIES

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**Archery Club:** Representing University of Surrey Team in barebow competitions

**Team Peryton:** Helped design and develop software for a UKSEDS National Rocketry Championship entry

**Investment & Trading:** Working on an algorithmic trading bot in my free time

**Maker Space:** General interest in IoT and low-level electronics, currently working on building an 8-bit computer from scratch