

Valeriy Dutt

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EDUCATION

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

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 multiple modules at the University of Surrey, including:
Advanced Algorithms and Information Retrieval
- Helping a cohort of 2nd Year Computer Science students with lab sessions

Software Developer (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 ReactJS
- 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

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

Practical Business Analytics | *R, LaTeX*

Sept. 2020 – Dec. 2020

- Lead a university group project on practical applications of AI and machine learning
- Developed an R CLI program that can predict prices for used cars
- Produced an industrial report based on CRISP-DM methodology and agile development

PERSONAL SKILLS

Technical skills (in order of proficiency):

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

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

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 spare time

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