

Onur Ozcan

ozcanonur10@gmail.com ❖ 0737 5537382 ❖ London, UK

[Personal portfolio website](#) ❖ [GitHub](#) ❖ [LinkedIn](#)

I have right to work in the UK (I do not need visa sponsorship).

TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Front end: HTML5, CSS3, React.js, Redux, Sass, Material UI, Gatsby.js

Back end: Node.js, MongoDB, PostgreSQL, Socket.io, Jest, Docker, Heroku

Tools: Git, Adobe Illustrator

WORK EXPERIENCE

Queen Mary University of London

Nov 2019 – Mar 2021

Software Engineer (Research Assistant)

London, UK

- Bessant Lab is a bioinformatics focused group of researchers with an aim to support research with software.
- Completed the project I was hired for, 4 months earlier than its deadline, pushed for another project and finalised that as well.
- Led the development of two full-stack web development projects from start to finish.
 - [PITDB](#), to present complex biological findings with custom figures, including a gene browser. Biggest challenge was manipulating SVGs to display large amounts of data in an interactive and performant way.
 - Front end: TypeScript, React-Redux, CSS in JS with Material UI, Adobe Illustrator for custom SVGs.
 - Back end: TypeScript, Node.js, MongoDB, Heroku for CI/CD.
 - [GitHub](#)
 - [Chemphoprolog](#), to exhibit discoveries from cancer treatment experiments by visualising signalling pathways via animated graphs. With a lot of moving parts and complicated findings, along with a non-technical audience to satisfy, UI/UX was of utmost importance.
 - Front end: TypeScript, React-Redux, CSS in JS with Material UI.
 - Back end: TypeScript, Node.js, PostgreSQL, Heroku for CI/CD.
 - [GitHub](#)
- Created multi-purpose, easily customisable components, both from scratch and integrating with 3rd party libraries.
- Forked popular libraries and edited their source codes to fit what my current project needed.
- Curated, wrangled, and integrated large data sets into databases and reported insights.
- Took on TA work, assisted MSc students through their assignments and software projects.

ConnectLabs (Freelance)

Nov 2016 – May 2017

Web Developer and Designer

Istanbul, Turkey

- Developed websites for small scale businesses.
- Gave consulting on brand design.

Atos Turkey

Jul 2014 – Sep 2014

Software Engineer Intern

Istanbul, Turkey

- Atos offers digital solutions along with consultancy services and digital security.
- Led a small team of interns on a variety of web development projects.
 - Designed and implemented the welcome/login screen for the office's intranet website.
 - Helped integrate Atos Turkey's official website with a CMS.

EDUCATION

Cranfield University

Sep 2019

MSc Applied Bioinformatics

Milton Keynes, UK

- First-Class Honours; 80/100 GPA.
- **(Thesis)** Developed machine learning regression models to assess freshness in chicken fillets utilising spectral imaging.
- **(Group Project)** Optimised and further developed new features for genomeGit, a distributed version control system for

storage and management of genomic data.

- Awarded **“Best presentation of the academic-year”** among MSc students for the group project presentation.

Sabanci University

BSc Computer Science and Engineering

Aug 2016

Istanbul, Turkey

- **(Thesis)** Developed a web based interactive course scheduling tool for university lecturers.
- **(Group Project)** Awarded **“Best final project”** in Mobile Development module.
- Volunteered for Civic Involvement Projects, giving lectures on human rights and equality for primary school students.

INTERESTS

- Competitive video games; weight lifting; history; assembling PCs; Reddit; purchasing way too many Udemy courses; drawing odd vectors on Adobe Illustrator.