



Timur Kuzhagaliyev

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🌐 github.com/TimboKZ

🌐 foxypanda.me

Education

- 2015 - 2019 **University College London**
Computer Science London, UK
MEng, average: 85%
- 2017 - 2018 **California Institute of Technology**
Computer Science Pasadena, CA, USA
Exchange programme
- 2013 - 2015 **Mander Portman Woodward**
A Levels London, UK
Highest average in college

Awards & achievements

- [Invited speaker](#) at 2018 SPIE Medical Imaging conference
- Featured on MS HoloLens homepage with [PEACH Reality](#)
- Microsoft Imagine Cup 2017 UK [finalist](#)
- BCS/Microsoft App Award for Excellence in 2016
- MPW [Outstanding Achievement Prize](#) 2014/2015

Skills

- Fluent in **Russian, English, JavaScript** (ES6, Node), **C#, C, SQL, Java, PHP, Git**
- Worked with **Linux** (primary OS), **My/PostgreSQL, Python, Bash, Matlab, Travis, Azure, AWS, Heroku**
- Web design: worked with **React, Angular, Vue, Sass, Less, WebGL, LAMP** and **MEAN** stacks, **UI/UX** design

Experience

Surgical Robot Vision Group

- Research intern, Summer 2017
- Built a holographic needle guidance tool for surgeons
- **C# + Unity** for HoloLens, **Python + OpenCV** for backend

Microsoft & Institute of Child Health

- Software engineering intern, Summer 2017
- Supervised a team of 5 developers building a cystic fibrosis monitoring and treatment system
- Built a backend for data processing and validation with a REST API, using **Node.js, PostgreSQL** and **Azure**

World Medical Education

- Android developer, Summer 2017
- Built an app for offline distribution of medical learning resources in developing countries
- **Java** (Android), **Twilio + Node.js** backend, **XML+XSD** data

UCLH PEACH Reality

- HoloLens developer, Dec 2016 - Apr 2017
- Supervised a team of 3, building anatomical model analysis and annotation tool using **Azure** and **HoloLens**
- Used **C#** and **Unity** for the HoloLens app
- Presented project to corporate VP of Microsoft

ATM Energy UK Limited

- Web developer, IT consultant, Apr 2016 - Apr 2017
- PHP development on LAMP stack
- Conducted coding interviews

+ 4 startups, volunteering, open-source projects