



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

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