London, United Kingdom
+44 (0) 7481 536994
hi@faure.hu

**Faure Hu**
King's College London BSc. Computer Science with Management

github.com/faurehu
linkedin.com/faurehu
faure.hu

**EXPERTISE** Full Stack Development, Hybrid Mobile Development, Machine Learning, Blockchain, Freelancing, Business Strategy
**TECH STACK** 5yrs Javascript / React / Node.js, 3yrs Python and Ruby on Rails, Solidity, Go, Docker, Jenkins, UNIX

**SELECTED CLASSES** Business Strategy, Agents and Multi-Agent Systems, Pattern Recognition, Human Resource Management, Artificial Intelligence, Operative Systems and Concurrency, Economics, Computer Science Logic

## Work Experience

**Summer 2017** — **Deliveroo** — **Software Engineer Intern** — **London, U.K.**
- Joined the logistics team to provide the service monitoring team tools to track aspects of the Deliveroo service.
- Implemented Rider trackers to automatically watch over their behaviour, triggering alerts if they acted against common sense and so cut down the reports of incomplete orders by 30%.
- Built a map to show the path taken by the rider with time control enabling better order monitoring and debugging.

**November 2016 June 2017** — **Finimize** — **Placement Year Junior** — **London, U.K.**
- Had active participation in assessing value of the minimum viable product, effectively suggesting features with consideration for benefits and downsides.
- Constantly questioned the company's business and go to market strategy, proposed growth tactics and metrics to monitor.
- Launched the alpha version of the React/Redux web application and then iterated with continuous integration using Jenkins, this became the company's main service.
- Contributed significantly to the design of the architecture of the distribution of our microservices and databases.

**Summer 2016** — **Sandtable** — **Software Engineer Intern** — **London, UK.**
- Built a Python microservice that managed a queue of tasks. Other engineers push tasks into the queue and the microservice runs the jobs when prompted. The interface was available as a Slack button or a RESTful API.
- Built a Python microservice that relayed notifications between microservices, effectively centralizing the effort and offering different channels to communicate with the end-users (Slack or Email).

## Relevant Projects

**2017/18** — **Dissertation:** researching heuristics for lightning network nodes to open new channels with optimal down payment to make a stable graph without reliance in big hubs. I'm using graph and game theory to discover optimal network flows and vulnerabilities.

**2017** — **Freelance:** an iOS app Deliveroo clone with GraphQL backend written with React Native

**2016** — **Personal project:** an AWS serverless function that tracks changes in data logging applications and stores it in Google Sheets. Written in Go.

**2016** — **Hackathon:** a barebones microblogging application on the Florincoin blockchain. Built with decentralization in mind to be censorship resistant. Made it to the final round of CambridgeHack 2016.

**2015** — **Personal project:** a recommendation engine built on an open movie ratings dataset which can predict which movie a user should watch next. Built with R and wrote a walkthrough on my blog.

## Leadership and Awards

**Current** — **King's College Business Club Associate**
Responsible of organising events to connect fellow university students to industry professionals.

**Fall 2016** — **Computer Science with Management Award**
Received recognition by the faculty for top academic performance of 2015 – 2016.

**Spring 2016** — **Winner of the KCL Apprentice Challenge**
Led a team of 4 to win a prestigious university competition consisting of case studies and public presentations.

**2015 – 2016** — **Year long coursework team Project Manager**
With Royal Brompton Hospital as a client, formed a set of requirements for a specific problem, communicated expectations to the team of developers, formed a vision of a solution and delivered an application with success.