


Faure Hu

 github.com/faurehu | [http:// \[resume.\] \[about.\] faure.hu](http://[resume.][about.]faure.hu)
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Interests: software engineering, data mining,
machine learning and AGI






Education

May 2018	King's College London First Class with Honours, expected	B.S. Computer Science With Management	London, UK
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Relevant Work Experience

Current	Finimize (Fintech / Financial Advisor)	Software Engineer Intern	London, UK
	<ul style="list-style-type: none">• 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• Using: React, Redux, Node.js, Redis, Postgresql, Jenkins, AWS, Git, vim		
Summer 2016	Sandtable (Agent Based Modelling)	Software Engineer Intern	London, UK
	<ul style="list-style-type: none">• 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)• Used: Flask, SQLAlchemy, Gevent, Jenkins, Docker, Git, vim		
Spring 2016	Paw (HTTP Test Tool)	Software Engineer Intern	Paris, FR
	<ul style="list-style-type: none">• Updated the static website from Jinja templates to a full React/Redux application that manages team shared information and offers a Stripe payments checkout• Abstracted the server-client interface, effectively serializing and deserializing data to instantiate objects accordingly all while using a single endpoint• Used: React, Redux, Django, Postgresql, Stripe, CircleCI, Git		

Selected Projects

 /habits-tracker	A scheduled service written in Go hosted on AWS Lambdas that fetches data from Google Spreadsheets to populate my Todoist application with tasks. Task completion is stored in Google Spreadsheets to keep track of streaks
 /intercom-ai-extension	A chrome extension that adds a button to the Intercom console for enabling service suggestion. If enabled, the conversation will be sent to the service and will expect a suggested response that fills in the text box. This is essentially a possible interface of automated customer management
Others	Personal CMS with Electron for my blog and photo portfolio  . Movie recommendation engine (blog). Slack bot that performs sentimental analysis on channel text and recommends a song  . An iOS application that let's user create rooms and broadcast content to other users in the room using Sockets 

Skills

Proficient	Python, Javascript, SQL, HTML5/CSS3, Git, vim, Jenkins, Docker, ZSH, UNIX
Exposure	Java, Android, Ruby, R, Redis, Go, Prolog

Leadership and Awards

Fall 2016	Computer Science with Management Award Received recognition 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