

# Shuo Cheng

✉ : shuochng@gmail.com in : /in/ShuoCh ☎ : (646) 625 8175 🌐 : riv

## EDUCATION

### Cornell University

Class of 2016

B.S., Computer Science

## SKILLS

### Languages

Python, JavaScript

ES6, Ruby, C#, C++

### Engineering

#### Frontend

React.js

Redux

jQuery

Angular

HTML/CSS

#### Backend

Django

Flask

Rails

#### Database

Microsoft U-SQL

PostgreSQL

#### DevOps

Heroku

Azure

#### Tools

LaTeX

Bash

Git

## INTERESTS

ML in Bioinformatics

MobX

GraphQL

## EXPERIENCE

### Yorango

Sep '16 - April '17

(Onboarding Specialist + Front End Developer)

- Created and implemented onboarding procedure from the ground up of end-to-end Property Management SaaS platform, from post-contract to autopilot stages. Jack of all trades.
- Managed landlord relationships for the entire Ithaca market. Negotiated with landlords resulting in trial runs and finalizing in a few contracts. Go to person for product troubleshooting.
- Refactored static Django pages into React SPA, reducing code clutter and improving front-end continuity for end users.
- Developed customer resources including filming and production of demo videos, necessary onboarding documents, such as best practices, FAQ, and user guide.
- Led interns in carrying multi-campus (Ithaca & Cornell) marketing campaign resulting in peak traffic to the site in mid March.

### Microsoft

June '16 - Aug '16

(Software Developer Intern - Tools for Software Engineers)

- Built Azure Datafactory pipeline funneling Github metadata into MSFT's data processing engine Azure Datalake allowing internal customers to run quick and easy analytics.
- Outputted generally interesting datasets from said pipeline with U-SQL scripts ran on Datalake. Examples include number of commits per team member, for a specific repo, repos with the highest number of commits in shortest time frame, etc.

### Bank of New York Mellon

June '15 - Aug '15

(Technology Intern - Data Governance)

- Redesigned, and refactored reporting tool using .NET MVC and Angular, resulting in shorter load time and smoother user experience.
- Built the frontend of a data gathering tool for the FX desk using React and hooked it up to a Java Spring backend.

### Tunetap

June '14 - Aug '14

(Full Stack Developer)

- Designed and implemented several features at concert crowdfunding startup, including the landing page, payments, infinite scroll, integration with WePay, and more.
- Adapted Rails, React, SQL, HTML/CSS and adapted best practices including test-driven development, continuous integration with, code reviews, design meetings having no prior experience in software engineering.
- Onboarded new engineer on Rails, Git and rest of the stack.
- Improved accuracy by 300% during team laser tag outings within a month.

## PROJECTS

### Timevite

June '17 - Curr.

(Freelance - React/Redux)

- Architected and built the frontend of Timevites, a social media web application that aims to ease the decision making process of where to go for fun at night.
- Worked alongside flask backend developer refactored the API yielding endpoints that reflected data models more accurately and reduced average number of API calls per page render.

### Sequence Matcher

Jan '16 - Mar '16

(Tool for Academic Paper)

Created a tool using Bash scripts to solve sequence matching problem. Outputted direct matches as well as close matches from files containing millions of sequences.