

Jamie Liao

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EDUCATION

Rutgers University- New Brunswick

Sep 2014 - May 2018

- B.S. Computer Science
- Classwork: Graduate Algorithms, Internet Technology, Databases
- C. Greg Hagerty, PhD Endowed Memorial Scholarship in CS

EXPERIENCE

Chartbeat, Backend Engineer Intern

May 2017 - Aug 2017

- Created MySQL model and CRUD Django APIs to handle subscriptions for 100s of clients
- Designed dev pipeline for PostgresDB worker to delete old table entries; deployed using Mesos/Aurora and maintained with Pants
- Collaborated on connecting Django API with REACT/Redux
- Created unit tests with Python's mock library for sharknado3 APIs

Open System Solutions, Student Systems Administrator Intern

Jan 2017 - May 2017

- Worked on small team to design and develop open source software, like Shrunk
- Set up: LEMP stack with SSL Cert served from user's home directory, a new CentOS 6 service, a new logrotate service, NFS server, and rsync server

HackRU, co-Executive Director

Jun 2017 - Present

- Oversaw all related activities for Rutgers' 24-hour biannual hackathon with over 600 students
- Managed and ensured communication among 30 person organizing team
- Maintained \$130,000 annual budget

Learning Center, Study Group Leader

Sep 2016 - Present

- Taught Intro to CS and Data Structures weekly study groups of 20 students
- Encouraged new CS students to attend tech talks and hackathons

PROJECTS

Descartes, June 2017

- Compiled Python whiteboard code via phone picture that separated Python code line-by-line to more accurately convert handwriting to text (Flask, Microsoft Azure, iOS, Node.js)

ClappyBird, April 2017

- Sound activated Flappy Bird (pygame and pyaudio)

Shrunk: Rutgers Official URL Shortener, April 2017

- Designed APIs to support user CRUD for creating shortened URLs (MongoDB and Flask)

SKILLS

Proficient

- Python and Java
- Flask/Django
- Git version control and bash

Familiar

- C, HTML/CSS, SQL, MongoDB, Javascript
- REACT/Redux
- Debian and Red Hat Linux