Michelle Pang

Seeking full time positions and engaging new opportunities to grow and learn.

EXPERIENCE

Stripe — *Software Engineer Intern*

MAY 2022 - AUG 2022   **San Francisco, CA**

- Published page at stripe.com/docs/identity/modal attracting more than 1000 users daily
- Improved API access for merchants by building frontend UI for integrating github sample projects into Stripe Docs and leading design meetings to improve user experience
- Collaborated with various teams across Stripe and facilitated discussions on optimal strategies for displaying integration information to users.
- Enhanced existing codebase through code reviews and assisted in implementing frontend infrastructure migration from Javascript to Typescript

Facebook — *Software Engineer Intern*

MAY 2021 - AUG 2021   **Remote, GA**

- Collaborated with the recruiting team to update internal tools for managing interviews.
- Improved existing infrastructure by leveraging new data relationships to build a calendar service for sending and scheduling interview invitations.
- Developed, tested, and deployed a new API for updating and creating interview meetings for Facebook employees.
- Improved frontend to support new API changes using REACT.js and simplified UI, increasing recruiter satisfaction.
- Ensured quality of existing code through code reviews

Trimble, Inc. — *Software Intern · Part-Time Developer*

MAY 2020 - MAR 2021   **Remote, GA**

- Designed data processing algorithm for sorting console logs, resulting in greater integration of previously unused data into essential knowledgebase.
- Deployed cloud infrastructure with AWS (S3, Lambda) to automate log data processing
- Built distributed data storage framework in AWS S3 for storing output log files.
- Handled secure user authentication and file download for authorized users

Penn Labs — *Frontend Web Developer*

JAN 2020 - PRESENT   **Philadelphia, PA**

- Developed frontend UI in React.js, JavaScript for Penn Portal, a web app for creating university admin announcements to be posted on campus wide social media.
- Increased student engagement by conducting analyses on 5000+ monthly users

Wharton Computing— *IT Helpdesk Assistant*

AUG 2019 - MAY 2021   **Philadelphia, PA**

- Assist undergraduate and graduate students in the Wharton School.
- Solve problems related to software installations, internet access, email, printing, and computer hardware issues.
- Instruct students on modern software practices and educate Wharton students on utilizing Microsoft suite, setting up personal calendar events, and performing analysis in Excel.

PROJECTS

Game Development

Develop games—*Monster Survival, Lantern,* and *Astro Swing*—in C# with Unity3D

Tweety

Twitter Bot that uses machine learning to predict tweet replies based on user history

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3820 Locust Walk
NCHW 0417
Philadelphia, PA

678-823-1580
mipang@seas.upenn.edu

EDUCATION
Senior at
University of Pennsylvania
BSE in Computer Science
Minor in Fine Arts
Aug 2019 – May 2023

RELEVANT COURSEWORK

Data Structures and Algorithms, Computing Systems, Operating Systems, Big Data Analytics, Intro to Probability, Discrete Math, Statistics

PROGRAMMING LANGUAGES

Java, Python, Typescript, Javascript, SQL, C, C++, C#, Ruby, Go, PHP

TOOLS/TECHNOLOGIES

Node.Js, React.js, AWS, Django, Linux, ROS, Unity, Tensorflow, Ruby on Rails

ACHIEVEMENTS

National Merit Scholarship Finalist, AIME (American Invitational Mathematics Exam) Qualifier

LANGUAGES
English, Mandarin Chinese

GitHub:
http://github.com/misheelp

Website:
https://misheelp.github.io/

LinkedIn:
https://www.linkedin.com/mwlite/in/michelle-pang-82b636169