

Ah Hpu (Eric) Sei

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EDUCATION

Brooklyn College, City University of New York (CUNY)

Bachelor of Science in Computer Science

Brooklyn, NY

May 2020

Relevant Coursework: Algorithms, Data Structures, Web Applications, Databases, Computer Security

CUNY Tech Prep | Association | FullStack Fellow

Jun 2019 – May 2020

- Selected for competitive software and professional training program hosted by CUNY Tech Prep
- Built software projects with other fellows, attend weekly technology workshops, and participated in events
- Organized homeHacks hackathon as a Hacker Experience Team by securing a prize and creating a HackerRank challenge

TECHNICAL SKILLS

Programming: JavaScript (ES6), Node.js, Java, Bash, SQL, HTML, CSS

Technologies: React, Express, PostgreSQL, MongoDB, Git, Heroku, Agile, REST API, Bootstrap, Testing(Jest), SemanticUI

RELEVANT EXPERIENCE

Zaw Financial Solution

Brooklyn, NY

Web Application Developer

Jun 2020 – Present

- Working on a financial web application which allow users to subscribe and access contents
- Implemented Subscription and Payment features which charge users monthly by using Stripe API
- Developed a SMS notification system through which users get latest updates of stock picker by utilizing Twilio API
- Designed UI and tested the responsiveness of the app utilizing React and Semantic UI

Teromac Technologies

Brooklyn, NY

Software Development Intern

Jan 2020 – Mar 2020

- Worked on a web portal app which manages employee schedule and sales report by using Angular and Asp.Net
- Implemented SignIn Page in Angular, allowing admin to log in and displays user's name on the nav bar
- Added meaningful icons using Angular Material and FontAwesome to improve UI/UX of the app
- Improved and tested the responsiveness of the app utilizing Bootstrap, CSS and Chrome DevTools

Tailored Industry

Brooklyn, NY

Software Engineer Intern | Backend Engineer for Knitting Machine Controller (KMC)

Jun 2019 – Aug 2019

- Used Docker to host Python app, FTP server, and Google Sync which provide instructions for knitting machine
- Integrated RollBar API into KMC Python app to facilitate error reporting
- Wrote scripts in Python that consume API endpoint of another backend service and tests the health of that service
- Participated in daily standup meetings and served as Scrum master during two-week sprint

NYC Kachin Fellowship

Queens, NY

Web Development Intern

Jan 2019 – May 2019

- Designed and developed the informational website used by regular members and visitors to the website
- Implemented the responsive landing page of the website by using HTML, CSS, JavaScript and Bootstrap

PROJECTS

GIVEW | CUNY Tech Prep

Sep 2019 – Dec 2019

- Worked on a full stack web application that allows users to donate and find free items with the goal of saving resources
- Participated in full software development life cycle of the application from System Design to Deployment
- Implemented Authentication and BackEnd API endpoints by using Node, Express, JWT and Bcrypt and PostgreSQL
- Designed the SignUp, SignIn and FrontEnd pages using React and Bootstrap

Simple Stock Portfolio Web App | TTP

Oct 2019 – Nov 2019

- Selected for TTP tech talent pipeline pool by building web-based stock portfolio app in MERN stack
- Developed a web-based stock portfolio app in MERN stack where users can buy stock and view transactions
- Implemented Authentication, Data Models and integrated Alpha Vantage API

SUPPORTING EXPERIENCE

Learning Center, Brooklyn College

Brooklyn, NY

Programming Tutor

Feb 2018 – Aug 2018

- Taught Object-Oriented Programming (OOP), fundamental programming concepts, and common algorithms in Java to 20+ undergraduate students