

Pharez J. Varlack

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EDUCATION:

State University of New York at New Paltz – New Paltz, New York
Bachelor of Science in Computer Science, Minor in Applied Mathematics

Expected Graduation: May 2021
GPA: 3.28/4.0

RELEVANT COURSES:

- Computer Science 1, 2, 3
- Language Processing
- Object Orientated Programming
- Software Engineering
- Web Design
- Assembly Language & Computer Architecture
- Data Science
- Linear Algebra
- Operating System

TECHNICAL SKILLS:

- AWS/GCP
- Python/Javascript/SQL
- Flask/Django/React
- Git/BitBucket/Github
- CI/CD
- REST API/GraphQL
- Agile/Jira
- Apache Airflow
- Linux

RELATED WORK EXPERIENCE:

Software Engineer Intern at 23andMe (Code 2040)

July 2020 – August 2020

- Automated the process of documenting new reports which took up 2 days down to 5 minutes by utilizing selenium webdriver.
- Joined the Health Reports Team responsible for generating and templating new health reports
- Executed Pull Requests and other Git commands with four developers in an Agile work environment

Data Science Intern at Hearst Towers (T.Howard Foundation)

June 2019 – August 2019

- Created Extract Transform Load (ETL) jobs for the company data using Google Cloud Services
- Made a Data Dictionary for journalists to easily understand meta data in Looker using Python and GCP APIs
- Attended daily SCRUM meetings, kept track of work using Jira and aided in planning bi-weekly sprints

PROJECTS/RESEARCH:

NPAScheduler

October 2020 – January 2021

- Built a website to automate the scheduling of work shifts at the University of New Paltz which reduced the time from 3 hours to 1 minute.
- Developed a full stack web application using Flask, Docker, React, Heroku, Git and custom CI/CD pipeline.
- URL: <http://www.npautoscheduler.com>

Project-M

June 2020 – Present

- Developed the product during a mentorship program at Omada Health with a senior engineer manager after the internship was cancelled due to COVID-19
- Creating using tools such as Django, Heroku, Docker, SQLite, React, Postgres and SendGrid under the supervision of a senior engineer manager
- A website that allows user to save, sort and organize work out videos that they have found

Personal Website

March 2021

- Implemented a single page application using frontend technologies such as React and React-Bootstrap
- Developed a custom CI/CD pipeline using Github webhooks, bash scripts, AWS, node and npm pm2 jobs.
- URL: www.pharezvarlack.com

OTHER WORK AND LEADERSHIP EXPERIENCE:

Senior Resident Assistant

September 2018 - Present

- Interview, evaluate and recruit potential candidates to be part of residence life staff
- Attend to crisis situations during regular duty hours
- Advertise, plan, and facilitate programs for residents to foster a community

Residence Hall Student Association

May 2018 – June 2019

- Worked with 7 other students to plan 24 large scale programs with an average attendance of over 100 students
- Interviewed and selected delegates to attend three different leadership conferences across the country
- Managed a budget of \$60000