

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: 3.26/4.0

RELEVANT COURSES:

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

TECHNICAL SKILLS:

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

RELATED WORK EXPERIENCE:

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 SCUM meetings, kept track of work using Jira and aided in planning bi-weekly sprints

Software Engineer Intern at 23andMe (Code 2040)

July 2020 – August 2020

- Developed a screenshot-bot for internal use to assist product scientists in testing using 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

PROJECTS/RESEARCH:

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, Postgress 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

NPAScheduler

October 2020 – January 2021

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

Personal Website

March 2021 – Present

- 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