Pittsburgh, PA
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Alex Zharichenko

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Education

Pittsburgh, PA	University of Pittsburgh	August 2017	April 2021

- BS in Computer Science and Statistics. GPA: 3.18

Work Experience

Software Developer	University of Pittsburgh (Department of Developmental Biology)	August 2018 − Present

Pittsburgh, PA
- Developing Shiny application to help research scientists in the Children's Hospital of Pittsburgh Rangos Research Center get subsets of large gene variant datasets
- Redeveloped the departments data pipeline for processing RNA sequenced data

Software Engineer Intern	Carnegie Mellon Software Engineering Institute (ETC)	May 2018 − August 2018

Pittsburgh, PA
- Built web application for performing analysis on collected interview data, and creating visualizations for a study ordered by the Office of the Director of National Intelligence
- Developed new ways and perspectives on how to interpret the data collected from various organizations through the use of NLP libraries and statistics
- Developed way to easily ingest, organize, and pipe interview data on to the web application

Customer Service Specialist	Best Buy	November 2015 − May 2018

Mechanicsburg PA
- Handled customer issues from returns and ordering items to complex issues such as correcting orders or fixing anyway we wrong a customer to keep providing an excellent customer experience

Skills

- Programming Languages: Python, Java, Javascript/HTML/CSS, R Project
- Technologies: Git/GitHub, Google Cloud, PostgreSQL, SQLite, Tableau, Windows/Linux
- Libraries: Flask, Tidyverse, Django, Numpy/SciPy, D3, Bootstrap, Spacy
- Coursework: Data Structures, Linear Algebra, Calculus 1/2/3, Probability/Statistics, Algorithms

Projects

- **PittAPI** (https://github.com/Pitt-CSC/PittAPI) Library for scraping various data from the University of Pittsburgh python, BeautifulSoup, requests

Leadership, Talks, and Awards

- **She Innovates** (Hackathon Committee Member) November 2018 - January 2019
- **Pitt Computer Science Club** (Business Manager) August 2018 - August 2019
- **SteelHacks** (Hackathon Committee Member) January 2019 - March 2019
- **Pittsburgh Python** (Speaker) August 2018
- **Cumberland Valley High School** (Hall of Fame for Computer Science) May 2017