Mitchell Eisenstat

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EDUCATION

Wake Forest University, Winston-Salem, North Carolina
Double Major, BS Computer Science, BS Applied Mathematics
Expected graduation May 2020

WORK EXPERIENCE

Fluid HPC – Oakland, CA   May 2019 – August 2019
Fluid is a platform allowing researchers to quickly scale high performance computing (HPC) workloads in the cloud.
   Development Intern
   - Led operating system management – bash scripting to install HPC software, troubleshoot scaling, DevOps
   - Extensive work with AWS platform to scale HPC workloads using ParallelCluster, CloudFormation, EFA
   - Met with customers to discuss progress, goals and timelines

TeselaGen Biotechnology – San Francisco, CA   June 2018 – August 2018
TeselaGen is accelerating the design and fabrication of DNA with synthetic biology software.
   Software Engineering Intern
   - Build clientside components with JavaScript library React Redux
   - Work with senior developers to evaluate open tickets and resolve bugs
   - Assist in QA process to ensure release application is stable

TextRecruit – San Jose, CA   May 2017 – April 2018
TextRecruit is a candidate engagement platform that leverages text, chat and AI to hire better people, faster.
   AI Specialist Intern
   - Build, train, and configure AI chatbots for HR and recruiting through GUI based builder
   - Responsible for the delivery of solutions to customers and balancing expectations with internal resources
   - Managed team who performed similar tasks

PROJECTS/CLUBS

Wake Forest Gym iOS App   September 2018 – Present
   - Building Swift app to track and display gym usage to help students to work out during less busy times
   - Backend built in Java on AWS to allow iOS app to query current usage and trends

Wake Forest High Performance Computing Team   January 2018 – Present
   - Competed against other universities at SC18 conference at running HPC applications, will compete at SC19
   - Primarily responsible for benchmark testing with Linpack and HPCG and setup of Slurm, Cuda, CIMC

LEADERSHIP ACTIVITIES

Alpha Sigma Phi Fraternity – Wake Forest University, NC   November 2017 – October 2018
   Treasurer
   - Managed an organizational annual budget of over $150,000
   - Management includes collecting, budgeting and tracking of assets

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SKILLS

Computer:
   - Experience in Java (strongest language), JavaScript, Bash, Python, Swift, C++
   - Have worked with React framework, AWS (especially ParallelCluster), OpenCV, OpenMPI, Tensorflow

Coursework:
   - CS: Data Structures, Algorithms, Machine Learning, Software Engineering, Computer Vision, Security
   - Math: Linear Algebra, Calculus, Differential Equations, Stat Models, Multivariate Statistics, Probability