

Leo Battalora

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EDUCATION

Temple University, College of Engineering, Honors

Philadelphia, Pennsylvania

Bachelor of Science in Electrical Engineering

Graduation Expected: May 2022

Concentration in *Computer Engineering*

GPA: 4.0, Dean's List: 5/5

RELEVANT EXPERIENCE

JPMorgan Chase & Co.

Wilmington, Delaware

Software Engineering Intern

June - August 2021

- Developed a web app using React and JPM UI Toolkit.
- Interfaced with internal monitoring tools such as Splunk, Dynatrace, Satori, and Stratus
- Served an SQL database and a RESTful backend service using Spring Boot and Swagger

Lockheed Martin

King of Prussia, Pennsylvania

Slack App Developer Intern

June - September 2020

- Developed custom slack apps using NodeJS, Express.js, GitLab pipelines, and PCF containers.
- Utilized Slack's Web API, Events API, and Interactivity Payloads

Computational Molecular Design & Metabolics Lab (CMDM)

Taipei, Taiwan

CNS Drug Design ML Researcher

February - December 2020

- Used various machine and deep learning libraries to improve predictivity and interpretability of CNS-activity models for drug discovery
- Wrote a paper which has been accepted for publishing in Briefings in Bioinformatics

Neural Engineering Data Consortium (NEDC)

Philadelphia, Pennsylvania

Lead Unix System Administrator

December 2019 - January 2021

- Managed a 14-node HPC cluster for machine learning experiments
- Tools/Skills: Slurm, Warewulf, ZFS, NFS, CentOS Linux, compiling from source

Temple University

Philadelphia, Pennsylvania

Teaching Assistant for Engineering Computation I

August - December 2019

- Conducted labs and helped students learn C, C++, Linux, Python, Bash, and AWS Cloud9
- Managed student accounts and environment setup on an AWS EC2

AIM Research Company

Hockessin, Delaware

Android Developer Intern

May - August 2019

- Developed an Android app to aid in inventory management at AIM Research Company
- Coded in Kotlin, Java, XML, and interacted with a RESTful API

Temple University

Philadelphia, Pennsylvania

Guest Lecturer for Digital World 2020

January 2019 - January 2020

SKILLS

Software/Technologies: Linux, Git, Docker, SQL, React, Vue.js, NuxtJS, Tailwind CSS, Machine Learning (SVM, DT, RF), Deep Learning (GCN), RESTful API, GraphQL, Windows, GCP, AWS, Autodesk Inventor, Autodesk Revit, SolidWorks

Programming: C, C++, CUDA, Go, Python, Kotlin, Java, Javascript, NodeJS, Bash, HTML/CSS, MATLAB, AVR Assembly, MIPS, Verilog, Spring Boot, React

Languages: German, Chinese (Mandarin)