Matthew Rindner

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Education

University of Pittsburgh Pittsburgh, PA
Bachelor of Science : Computer Science, Minor: Mathematics 2018 - 2022

Highlight Courses: Theoretical Math, Linear Algebra, Discrete Math, Operating Systems, Data Science, Cloud Computing, Databases Systems, Web Applications, Algorithms I & II

Professional Experience

Vitech Systems Group New York City, NY
Associate Software Engineer June 2022 - December 2022

- Contributed to the product development team as a full stack engineer to enhance and ensure the consistency of billing/invoice features for client-tailored specifications.

School of Computing and Information: Activity Recognition App Pittsburgh, PA
Research Assistant August 2021 - December 2021

- An android app built in Java and Kotlin using the tensorflow model to to predict forms of human motion given accelerometer/location data. I was responsible for implementing real-time graph data on the UI and collecting precise locational data with terrain mapping to increase the accuracy of the model.

ChariTDI Conshohocken, PA
Volunteer May 2020 - July 2020

- Worked as a team to construct PPE for local hospitals. We produced over 5000 face shields from 3D printed resin molds for the Temple University Hospital.

Student Computing Services (CSSD) Pittsburgh, PA
Assistant Coordinator/Technical Consultant September 2019 - April 2022

- Ensured efficient operation of the computing labs on the Pitt campus while leading student team members in equipment maintenance and quality control of office supplies.

- Provided technical assistance including but not limited to software installation, connectivity/processing speed issues, and providing customer service to a variety of people using the Salesforce lighting platform.

Skills

Proficient:	Java, Python, GO, PostgreSQL, HTML, CSS, C
Famililar:	JavaScript , MIPS Assembly, x86, C++
Tools:	PowerShell, Docker, Google Cloud Platform, AWS (S3), Kubernetes, Hadoop
Frameworks:	Spring, Hibernate, GWT, Apache Tapestry, Flask, React
Technologies:	RESTful Web Services, MVC Architecture, Git/SVN, UNIX/Linux, Android Studio

Projects

SteelHacks : URL-pad *Built with java, midi.js, novation launchpad*
Transformed a novation launchpad into a stream deck for broad functionality for ease-of-life enhancements. Developed 10+ enhancements including weather, social-media links, timer, media players, and audio control.

She Innovates: TrueMe *Built with CSS/HTML/Python/JavaScript/node.js/vue.js*
Creating a website targeting international and native students to provide a comfortable platform for users to be immersed culturally.

Extracurriculars/Awards

Eagle Scout June 2017
Led the creation of a pollination garden at a local nature conservatory with 4 raised garden beds for about 100 sqft for local species and natural pollinator plants.

Computer Science Club (CSC) 2018 - 2022
Contributed to PittAPI that provides localized and accessible data for information on campus. Specifically adding 5+ routes including hours to popular restaurants of campus, events at local bars, and upcoming Pitt sporting events.

Pitt Robotics and Automation Society (RAS) September 2018 - April 2019
Club project to build a robot, Erasinator, to automatically clean whiteboards in under 5 minutes. Built with Teensy Arduino/C++/Fusion 360