ARTI SCHMIDT

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EDUCATION

B.S.E. Computer Science, Princeton University

September 2020 - Expected May 2024 · GPA 3.84

- Courses: Computer Graphics, Distributed Systems, Information Security, Introduction to Analytic Combinatorics, Introduction to Machine Learning, Operating Systems, Probability and Stochastic Systems, Reasoning about Computation, Theory of Computation

Emmaus High School

August 2016 - June 2020 · GPA 4.64

- Activities: Computer Science Club President, Mathematics Club Vice President, Latin Club President, National Honor Society

EXPERIENCE

Software Engineer, Quickr Health

August 2022 - Present

- Developing a calendar component in Elm for usage in Quickr's production app to display schedule information to healthcare clinics
- Implementing features including a monthly and daily view, time zone localization, accessibility best practices, and a responsive and intuitive design following the product's existing design system
- Engage directly with Quickr's cofounders in meetings related to product management and development

Software Engineer, DuBois Consulting Group

June 2019 - May 2022

- Developed Laboratory Information Management System (LIMS) software for aerospace material testing labs
- Built and maintained desktop apps in Windows Forms and Microsoft SQL Server and web apps in React and Node.js
- Worked on a wide variety of apps for tasks including material test scheduling, importing work orders from several formats, entry and display of test results, and also architected a complete, unified LIMS
- Managed one junior developer during summer 2021

SKILLS

Python	Node.js	C#	C	Git
React	TypeScript	Windows Forms	Java	Unity
Elm	GraphQL	SQL	HTML/CSS	Google Cloud Platform

RESEARCH

A Comparison of Gate Detection Algorithms for Autonomous Racing Drones

2022 IEEE Aerospace Conference · August 2022

- Conducted independent research and wrote a paper on the performance of eight heuristic and machine learning approaches to detecting gates on drone racing tracks
- Presented the paper at the 2022 IEEE Aerospace Conference with around 750 attendees, and it was then published in the conference proceedings

PATENTS

Methods of making and using an identification tag system for use with an electrical breaker panel and an electrical outlet

US10720737B2 · July 2020

- Designed software for a patented method of associating electrical outlets with circuit breakers using NFC tags

AWARDS

National AP Scholar

College Board
July 2020

National Merit Finalist

National Merit Scholarship Corporation
March 2020

Eagle Scout

Boy Scouts of America
January 2020