

Robert Schabacker

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Education

Stevens Institute of Technology, Hoboken NJ Expected Graduation May 2022
Bachelor of Science, Computer Science, minor in Mathematics, GPA 3.98
Coursework includes: Software Development Process, Compiler Design and Implementation, Systems Programming, Programming Languages, Concurrent Programming, Computer Vision, Natural Language Processing

Skills

Software: Comfortable in JavaScript, OCaml, Python, Bash, Swift, Firebase Platform

Certifications: Google Cloud Platform Essentials

February 2019

Work Experiences

Prudential Financial, Newark NJ (Remote) June 2020 - August 2020

Software Engineering Intern

- Unified DevOps onboarding process for several tech stacks by developing a dynamic web form to generate and update configuration files
- Used Node.js and Docker to deploy the web app through an AWS pipeline

Stevens Institute of Technology, Hoboken NJ / Remote

January 2020 - May 2020

Course Assistant

- Helped students with assignments and programs about Logic, Set Theory, Inductive Proofs, Graph Theory, Number Theory
- Taught a weekly lab section with review problems and programming assignments in Scheme

Jackson Education, Denville NJ

August 2016 - June 2020

App Developer

March 2018 - June 2020

- Developed application to notify customers of their scheduled appointments, allowing them to confirm appointments and take short assessments
- iOS application developed in Swift, Backend built with Firebase using Node.js

Director of Test Simulations

August 2016 - June 2020

- Managed registration for practice SAT and ACT tests, including emailing confirmation to students registered for the exam and sending out results post-exam
- Proctored and assessed practice SAT and ACT tests for approximately five students on a bi-weekly basis

Assistant for STEM classes for middle-school children

September 2016 - July 2017

- Assisted students age 10-13 in assembling an RC car
- Explained the math & physics behind it in a fun yet educational way

Projects

Altice - Infosys University Hackathon (Third Place)

November 2018

- Implemented better accessibility options in websites, mobile apps, and Internet of Things devices to improve customer acquisition rates and avoid potential lawsuits
- Developed a prototype using JavaScript and CSS
- Presented our ideas to executives of Altice and Infosys as a team of four

Altice University Hackathon (Third Place)

September 2019

- Redesigned the user interface of the Altice One iOS app and implemented voice commands to improve customer satisfaction
- Developed a prototype in Swift
- Presented our ideas to executives of Altice, Infosys, and Google as a team of two