Adam Seidman

https://seidman-ad.am/

148 Bennington Hills Ct
Rochester, NY 14611
732-882-9717
ajs1551@rit.edu

Education

ROCHESTER INSTITUTE OF TECHNOLOGY, Rochester, NY
Bachelors/Masters of Science: Computer Engineering
Dean's List: Fall 2017-Present

Expected Graduation: May, 2022
GPA: 3.67/4.0

Coursework

Circuits 1&2	Computer Science 1&2	Linear Algebra
Digital System Design 1&2	Digital Electronics	Differential Equations
Introduction to Embedded Systems	Discrete Math	Statics/Strengths
Introduction to Software Engineering	Computer Organization/Architecture	Applied Programming in C

Work Experience

Junior Software Developer – EMA Design Automation, Rochester, NY   June 2019-January 2020
EMA Design Automation, Rochester NY
Worked in a small team to develop and test a VueJS-based file management solution for electrical engineering projects.

Computer Engineering Research – Rochester Institute of Technology, Rochester, NY   May 2018-August 2018
Worked in several small teams with the RIT computer engineering department to analyze cyber attack data, construct useful applications for embedded systems, and create social media security tests.

Light and Sound Board Manager – NB Township Board of Education, North Brunswick, NJ   January 2015-Present
Managed all technical aspects for leased school space/events, including opening and closing schools for clients.

Ropes Course Counselor – Eagles Landing Day Camp, North Brunswick, NJ   Summer 2017/2018
Responsible for training, logistics, and maintaining safety equipment. Ran several classes for kids to use the ropes course

Projects

Magnetorheological (MR) Shock Control System – Designed, prototyped, and implemented a control system with a custom PCB to magnetically power a semi-active suspension for the RIT Baja off-road vehicle. The MR system is the first of its kind in the Baja collegiate series.

Eagle Scout Project – Created a media center comprised of a small library with homemade bookshelves and seven computers/equipment at the North Brunswick township senior center.

Online Finance Tracker – Using Java and Windows server, developed custom software for the RIT Baja Club members to submit/view purchase orders as well as track their dues and sub-system budgets.
Personal Website – Developed custom website using VueJS and Github-Pages.
Line Following Robot – Created an Arduino-based robot to follow an undetermined tape path on the floor and detect nearby obstacles.

Skills

Software - Visual Studio, Git/SVN, SolidWorks, AutoCAD, IntelliJ, Eclipse, PyCharm, Autodesk Inventor, MS Office
Languages - Java, HTML/JavaScript, VueJS, C, C++, C#, VHDL, Verilog, Python, Arduino, Assembly Programming
Other - Machining, Organization, Self-Management
Interests - Home Automation, Racing, Theater

Activities

RIT Baja SAE, Suspension Controls Engineer & Treasurer	August 2017 – Present
RIT Honors Program, Member	March 2018 – Present
FIRST Robotics, Captain/Driver	September 2013 – July 2017
Boy Scouts, Senior Patrol Leader/Eagle Scout	September 2005 – July 2017