

SAMANTHA DELORENZO

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Bachelor of Science in Computer Science, Expected May 2020

GPA: 3.2/4.0

Coursework: Introduction to Computer Science, Probability and Statistics, Introduction to Programming for Engineers, Chemistry I, Mechanics, Intro to Web Programming and Web Dev, Data Structures, Discrete Structures, Project Management

SKILLS

Programming Languages: Python, C++, HTML, CSS, Java

Software: Eclipse, Excel, Visual Studio, Xcode, Xamarin Studio, Microsoft Office, Game Maker Studio, Arduino, Github, RPG Maker MV

Operating Systems: Windows, OS X, Kali Linux, Raspbian

WORK & EXTRACURRICULAR EXPERIENCE

Stevens Institute of Technology Software Engineering Department

Hoboken, New Jersey

Research Assistant

June 2017 - August 2017

- Implemented a Raspberry Pi with sensors to read environmental data and redefine spaces around campus
- Sent data to a MySQL Database centralized on a Mac Mini server
- Utilized Solidworks and MakerBot to design and 3D print a case
- Constructed and submitted a research paper called "Smarter Spaces, Smarter Campus to the IEEE UEMCON 2017"

Stevens Game Development Club

Hoboken, New Jersey

Outreach Chair

January 2016 - Present

- Created 2D video games using Game Maker Studio for Club Game Jams
- Awarded third place for the SGDC Summer Jam 2017

Stevens Institute of Technology Venture Hacks Hackathon

Hoboken, New Jersey

Participant & Award Winner

October 2016

- Created a website using HTML and CSS with a forum for college students to give their opinions on different colleges for high school students
- Awarded Best Creativity & Innovation out of 30 students

Ontash & Ermac

River Edge, New Jersey

Intern

February 2016 - June 2016

- Implemented Arduino and Adafruit with Professional Computer Engineers to develop my own functioning robot
- Utilized sketching, calculations, and CAD in designing the robot

HOBBIES/INTERESTS

Stevens Game Development Club – Outreach Chair, Stevens Computer Science Club, Stevens Women in Computer Science, Stevens Cyber Defense Team

Publications: "Smarter Spaces, Smarter Campus" accepted at the IEEE UEMCON 2017 and published in the IEEE Xplore Digital Library

Website: samdelorenzo.com