

# SAMANTHA DELORENZO

851 Summit Avenue, River Edge, NJ 07661 | 551-486-1027 cell | sdelore98@gmail.com

## EDUCATION

### **Stevens Institute of Technology, Hoboken, NJ**

Bachelor of Science in Computer Science, Expected May 2020

GPA: 3.4/4.0

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

## SKILLS

**Programming Languages:** Python, Java, HTML, CSS, Javascript, Scheme, MySQL, C++

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

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

## WORK & EXTRACURRICULAR EXPERIENCE

### **Stevens Institute of Technology Software Engineering Department**

*Research Assistant*

**Hoboken, New Jersey**

June 2017 - August 2017

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

### **Stevens Game Development Club**

*Secretary*

**Hoboken, New Jersey**

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**

*Participant & Award Winner*

**Hoboken, New Jersey**

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 Engineering**

*Intern*

**River Edge, New Jersey**

February 2016 - June 2016

- Created an engineering design project proposal
- Constructed, wired, and implemented Arduino and Adafruit software and hardware 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 – Secretary, Stevens Computer Science Club, Stevens Women in Computer Science

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

Website: samdelorenzo.com