

Danny A. Araujo

dannyara@buffalo.edu | (646) 413-3264

University at Buffalo 110LD Hadley Village Buffalo, NY 14261



EDUCATION

University at Buffalo, The State University of New York

Bachelor of Science, Computer Engineering

Expected Dec 2018

Dean's list: Fall 2014

Certificate of Achievement: SUNY Office of Opportunity Program

ENGINEERING PROJECTS

Java Calculator, Developer

- Designed and programmed a virtual desktop calculator using Java
- Implemented key bindings that accepts inputs from the keyboard for an easier user experience
- Added additional functions to provide features not found in a trivial application

Multiplayer Desktop Game, Co-developer

- Collaborated with a team of classmates to design a multiplayer game called *Carcassonne*, a desktop game using Java
- Utilized Git solutions to keep track of source code updates and monitor tasks completed by each team member

Mobile Game Recreation, Developer

- Created a GUI for a smartphone game using Java to work alongside a 2-dimensional array
- Implemented a key listener to calculate and update the player window with the stroke of a key

ENGINEERING WORK EXPERIENCE

Seal & Design, Buffalo, NY

IT Support Intern

Oct 2017 – Present

- Monitors office workstations and electronics at a midsize manufacturing company to keep them up to date, secure from vulnerabilities, and provide troubleshooting and assistance when needed
- Keeps track of company help desk using Spiceworks professional IT network to document and resolve issues that arise

University at Buffalo, Shared Instrumentation Laboratories, Buffalo, NY

Administrative Assistant

Sep 2016 – May 2017

- Under partnership with the **School of Engineering and Applied Sciences** and the **College of Arts and Sciences**, the Shared Instrumentation Laboratories gives access to research equipment that otherwise would not be accessible to students and staff
- Explored the backend of a research laboratory and the necessities to maintain these facilities to the highest quality
- Organized usage data, expenses, and performed various administrative duties using Microsoft Excel

ACE (Architecture, Construction, Engineering) Mentorship Program, New York, NY

Mentee

Nov 2013 – May 2014

- ACE is a mentorship program where prospective college students shadow professionals in real life projects, acquiring hands on experience in the thriving field of Engineering
- Worked alongside a team of other students around NYC and engineers from **Thornton Tomasetti** to design and simulate the construction of a new multipurpose building

ADDITIONAL WORK EXPERIENCE

Hollister Co. 600 Broadway, New York, NY

Stock Associate

May 2015 – Aug 2015

- Collaborated with fellow employees to maintain the flow of merchandise from the inventory rooms to the sales floor
- Acquired crucial sales experience and explored the daily operations of a retail business as well as while assisting costumers

TECHNICAL SKILLS

- Experience with Java, C++, HTML, CSS, HDL Verilog, MIPS Assembly
- Knowledge of various OSs: Windows, MacOS, Linux, Android, iOS, and Desktop Applications: Microsoft Office (Word, Excel, PowerPoint, OneNote, OneDrive), Dropbox, Photoshop, Google Apps
- Experience with tinkering in consumer products, exploring hardware and software across many technologies

GENERAL SKILLS / INTERESTS

- Knowledge of social media marketing strategies across various platforms
- Member of University at Buffalo Society of Professional Hispanic Engineers (UB SHPE)