

# Daniel Sager

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dansager.github.io  
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## EDUCATION

### Bachelors of Science, Computer Science

#### University at Buffalo, NY

GPA: 3.42 / 4.0, Major GPA: 3.76/4.0

*Expected Graduation May 2020*

#### University of Leicester, England

GPA: 3.5 / 4.0

*Study Abroad Spring 2018*

## TECHNICAL SKILLS

- **Languages:** Java, C++, XML, HTML, MIPS
- **Tools:** Eclipse, CLion, Android Studio, Git, Android SDK
- **Operating Systems:** Windows, Linux, Android

## PROJECTS

### Personal Project

#### Android Application "Travel Planner"

- Created android app that serves as tool to store various travel and destination information
- Programmed in Java and XML using Android Studio, this application focuses on functionality, efficiency and user interface to achieve the best user experience possible.
- Found on Google Play Store by searching "Travel Expense Planner Sager"

### College Projects

#### Back End of Banking Software, Data Structures

- Designed and programmed banking system that is capable of adding and removing members as well as processing transactions that result in a change of their balance.
- Coded in C++ using vectors and linked lists to manage user data and transactions.

#### Fractal Implementation, Intro to CS Majors II

- Collaborated in a group of three, to develop software that was capable of implementing fractal algorithms such as the Mandelbrot set and displaying the output on a GUI.
- Developed in Java and required cooperation and communication among all members of the group.

## RESEARCH EXPERIENCE

### Autonomous Vehicle Development

*September 2018 - Present*

- Contributed to ongoing efforts to design and test software a part of the University at Buffalo's AV program.

## WORK EXPERIENCE

### Customer Service Associate | Lowes | Hicksville, NY | May 2017 – August 2017

- Assisted store patrons with helpful customer service in appliance and paint department, maintained the sales floor, and stocked shelves.

### Sales Associate | Target | Levittown, NY | August 2015 – October 2015

- Utilized register to assist customers with purchase of products scanned items, provided change, and processed card transactions.

### Baseball umpire | Bethpage Little League | Bethpage, NY | September 2012 – June 2016

- Officiated baseball/softball games of multiple age levels, ensured the safety and fairness to every player.