

Daniel Sager

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Education

BACHELORS OF SCIENCE IN COMPUTER SCIENCE | AUGUST 2016 - MAY 2020 | UNIVERSITY AT BUFFALO, NY

- GPA: 3.44 / 4.0
- Related courses: Intro to CS Majors I (Fall 2016 – Grade A), Intro to CS Majors II (Spring 2017 – Grade B+), Intro to Discrete Structures (Spring 2017 – Grade A), Data Structures (Fall 2017), and Digital Design (Fall 2017)

STUDY ABROAD | JANURARY 2017 - MAY 2017 | UNIVERSITY OF LEICESTER, ENGLAND

- Related courses: Analysis and Design of Algorithms

Skills

DEVELOPMENT EXPERIENCE

- Programming languages: Java, C++ and XML.
- IDEs: Eclipse, CLion, and Android Studio.
- Operating Systems: Windows, Linux, and Android.

CRITIAL THINKING

- Proven track record to draw reasonable conclusions from a set of information and discriminate between useful and less useful details for solving a problem or making a decision. Often used during development and troubleshooting of software.

TIME MANAGEMENT

- Skilled in prioritizing and scheduling of tasks to use time more effectively to be more productive and meet deadlines.

Projects

PERSONAL PROJECTS

- **Android Application** – Allows the user to track the time they spent doing various activities in order to reflect upon the data. The application has been developed in Java for the core mechanics and XML for the general design and user interface using Android Studio for programming and testing. The application will run on a variety of android hardware as long as the device is running Android 5 or higher.

COLLEGE PROJECTS

- **Back end of Banking Software** – Tasked with designing and programming a system that allows for the addition and removal of banking members as long as keeping track of their balance whether or not they withdrew and added funds to their account. This was developed in C++ using vectors and linked lists perform most of the tasks upon.
- **Fractal Implementation** – A semester long project in a group of two other students, we developed software that was capable of implementing fractal algorithms such as the Mandelbrot set and displaying the output on a GUI. This was developed using Java and required cooperation and communication among all members of the group.

Experience

CUSTOMER SERVICE ASSOCIATE | LOWES | MAY – AUGUST 2017

- Responsible for stocking shelves, maintaining the sales floor, and assisting store patrons with helpful customer service.

SALES ASSOCIATE | TARGET | AUGUST – OCTOBER 2015

- Responsible for taking money in the form of cash, check, or credit card from patrons in exchange for food or services. Scans items, provides change, balances drawer, and processes card transactions.

BASEBALL UMPIRE | BETHPAGE LITTLE LEAGUE | SEPTEMBER 2012 – JUNE 2016

- Officiate at baseball and softball games of multiple age levels, ensured that safety and fairness to the players and game rules were observed.