

Sam Burt

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Summary

- Software engineer proficient with Java, C, Ruby on Rails, Python, CSS, Rspec, Cucumber, Ionic, OSX, Windows and Javascript
 - Advanced user of Word, Excel, Powerpoint
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Education & Honors

COLGATE UNIVERSITY (Hamilton, New York)

2014 - 2018

- **Bachelor of Arts, Computer Science**
- GPA: 3.55, Major GPA: 3.74
- Graduated Magna Cum Laude and with Honors in Computer Science
- Member of Upsilon Pi Epsilon - Computer Science Honors Society
- Study Abroad: University College London (London, England)

Fall 2016

Technical Project Experience

Project: User Centered Design

Technical Focus: Mobile Application Development (HTML, CSS, JavaScript, Ionic, Figma)

- Conducted intensive user research to develop a high fidelity mobile application model to connect farms to restaurants
- Modeled and tracked UX through the creation of primary personas
- Created low-fi and wireframe designs using Figma in order to test user's experiences in the mobile environment

Project: Chenango Nursery School Web Application

Technical Focus: Cloud-Based Engineering (Ruby on Rails, HTML, CSS, JavaScript, Cucumber, RSpec)

- Collaborated with four students to build the front-end and back-end of a web based registration portal for a local non-profit nursery school
 - Used SQL and jQuery to access and manipulate data in a database
 - Used an Agile development cycle to produce several iterations of the web application
 - Designed with user stories that were satisfied through test driven development that relied on Cucumber and Rspec automatic testing languages
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Leadership Experience

Staff Trainer - Colgate University Outdoor Education

Spring 2017 - Spring 2018

- Developed and led a 9 month leadership, teaching and outdoor skills training curriculum for 17 participants of diverse backgrounds
- Provided individual mentorship for 17 participants in the form of teaching and evaluation that mapped the participant's progression through the year and highlighted ways in which they could improve
- Organized and led four wilderness trips ranging from three to five days aimed at promoting growth and leadership

Staff Development Director - YMCA Camp Lawrence, Meredith, New Hampshire

Summer 2017

- Supervised 25 staff members from a variety of backgrounds and coached them to be more effective staff members through evaluations that compiled observations and highlighted specific methods that could be used to improve
 - Managed placement of 40 staff members and 400 campers into appropriate cabins
 - Developed a safe environment that allowed staff members to share their grievances, fears and gratitude freely
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Activities

Wilderness Adventure Leader, Colgate University

- Led four different camping based pre-orientation trips of 8 people each
- Facilitated the high-school to college transition experience through the creation of an inclusive environment, group led conversations, team building exercise, and independent reflection.
- Maintained a mentor relationship throughout the year that provided the participants with guidance if needed

Outdoor Education Staff Member, Colgate University

- Guided a wide variety of outdoor trips for the college community
 - Provided an atmosphere on the trips that fostered connection between participants and encouraged a deeper understanding of the local community, environment and history
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