

Yesu Carter

Address: 1903 Campbell Avenue, Schenectady, New York, 12306

Cell Phone: (518) 817-8718 | **Email:** ycarter@colgate.edu | **GitHub:** <https://github.com/yesuc>

EDUCATION

Bachelor of Arts, Colgate University | Hamilton, New York |

Expected May 2019

- Current GPA – 3.56/4.00
- Double Major – Computer Science and Japanese
- Dean's Award for Academic Excellence

All Semesters

TECHNICAL SUMMARY

- **Framework Experience:** (2 years) Ruby-On-Rails, (< 1 year) AngularJS
- **Proficiencies:** (High) Java, Python, Ruby, (Intermediate) HTML, CSS, JavaScript, SQLite
- **Tools:** GitHub version control, Pivotal Tracker project velocity, Heroku app deployment
- **Courses:** Software Engineering, Databases, Algorithm Analysis, Operating Systems, Discrete Structures

RELEVANT PROJECTS

Allergens and Dietary Restrictions Full Stack Web App | Colgate University |

Summer 2018

- Awarded \$4,500 grant to research the applications of natural language processing and character recognition
- Developed a Ruby-on-Rails App to organize restaurant menus based on allergens and dietary restrictions
- Programmed backend web scrapers in Python to automatically collect and compare menus and ingredients
- Identified hidden allergens, resolved ambiguous descriptions, increased user confidence and safety

Parent Teacher Org. Full Stack Web App | Hamilton Central High School | Hamilton, NY |

Spring 2018

- Worked in a team of 6 on a Rails App to manage PTO logistics, increase visibility, and solidify legitimacy
- Engaged clients to extract feedback and devise project direction with an Agile approach
- Employed Test and Behavior Driven Design to meet client demands, sustained test coverage of at least 90%
- Presented product to over 40 spectators, demonstrated key features that empowered parents and teachers

Student Data Collection UI | Colgate University |

Spring 2017

- Independently developed a Scanner Integrated UI in Java to collect and organize student information in Excel
- Designed an intuitive user interface from scratch using Javax Swing Package
- Enhanced student sign-in experience, saved manual logging hours and excess use of paper

COMPUTING EXPERIENCE

Senior CS Teaching Assistant | Computer Science Department | Colgate University |

Fall 2016 – *Ongoing*

- Led training sessions for over 50 peer tutors on pair programming and supporting and enabling students
- Analyzed student programs to identify and resolve errors, enforced proper coding etiquette

Tech Support | IT Services | Colgate University |

Fall 2015 – Spring 2016

- General purpose use of Mac and PC operating systems to accommodate the needs of clients
- Daily use of Microsoft Word, Excel, and PowerPoint to display and navigate presentations

ADDITIONAL SKILLS & EXPERIENCE

Japanese Language Tutor | Japanese Department | Colgate University |

Fall 2017 – *Ongoing*

- Advanced proficiency in verbal and written Japanese communication
- Personalized tutor sessions to foster proactive use of Japanese, stimulated student interests in Japanese culture

Community Leader | Residential Life | Colgate University |

Fall 2016 – Summer 2018

- Individually planned and executed community development programs for residential halls
- Led teams of co-CLs on large scale programs such as music concerts and faculty dinner