

James Buzaid

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EDUCATION	Cornell University BA Computer Science and Economics, GPA 4.0	Aug 2018 - May 2022 Ithaca, NY
SKILLS	Programming Languages: Python, Java, R, Stata, JavaScript, SQL Technical Skills: Data Analysis, Data Science, Web Development, LaTeX, Adobe Creative Suite	
EXPERIENCE	Cornell University Department of Computer Science Ithaca, NY <i>CS 1110 (Intro to Computing Using Python) Consultant</i> August 2019 - June 2020 <ul style="list-style-type: none">• Help students generate a strong understanding of important computer science concepts using Python• Assist students in understanding assignments and labs to develop solutions• Give helpful feedback when grading assignments, prelims, and final exams Cornell University Program Board Ithaca, NY <i>Publicity Chairperson</i> March 2019 - Present <ul style="list-style-type: none">• Taught myself Adobe Creative Suite applications to design posters and quarter cards• Work with agents to promote speakers and handle communications with press• Collaborate with other e-board members to plan and run fun shows with diverse and exciting speakers and comedians Momentive Performance Materials Tarrytown, NY <i>Materials Science Intern</i> June 2016 - May 2018 <ul style="list-style-type: none">• Conducted materials science research on bio-materials• Assisted my mentors in their research by conducting data analysis in Excel and using Minitab for graphing• Communicated my methodology and results to senior researchers	
PROJECTS	Mobile Ordering Python, Javascript jamesbuzaid.com/#mobile-ordering I implemented my own mobile ordering platform. The goal is to keep our students, our chef, and the greater Cornell and Ithaca community safe. I use Google Forms for ordering since there is no payment system needed and it is easy to change the menu. I wrote the JavaScript code to send form submissions to an email and wrote Python scripts to read email orders, format them, and print them on an Epson TM-T88V thermal printer. NYC COVID-19 Data Analysis Python jamesbuzaid.com/#nyc-covid19 In an effort to learn more about the COVID-19 pandemic, last June I analyzed NYC COVID-19 data on the ZIP-code level using 2018 American Community Survey data to see how COVID-19 affects different socioeconomic groups. All analysis was conducted using Python using packages including pandas, matplotlib, statsmodels, and bokeh.	