

# CONRAD LI

638 Smith Union, Brunswick, ME • zhikangli@hotmail.com • linkedin.com/in/conrad-li • github.com/conradli • conradli.com

## EDUCATION

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**Bowdoin College** – GPA 3.60 / 4.0 scale.

**Brunswick, ME | Expected May 2021**

Bachelor of Arts, Major in Computer Science, Minor in Economics

**Relevant Coursework:** Algorithms, Data Structures, Theory of Computation, Human-Computer Interaction, Optimization and Uncertainty, Systems (Fall 2020), Artificial Intelligence (Fall 2020), Economic Statistics, Intermediate Microeconomics

**Honors:** National Science Foundation Research Experience for Undergraduates Fellowship recipient

**Aquincum Institute of Technology (AIT-BME)**

**Budapest, Hungary | Fall 2019**

**Relevant Coursework:** Applied Cryptography, Mobile Software Development (Android), Structure and Dynamics of Complex Networks, User Experience Design, Full Stack Software Development Crash Course

## SKILLS

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**Programming/web languages:** Java, Python, Kotlin, HTML5, CSS/SCSS, JavaScript (basic)

**Software Proficiencies & Tools:** Jekyll, Spring Boot framework, Model-View-Controller (MVC) application structure, Android Studios, PyCharm, Eclipse, Cytoscape, Github, LaTeX, Stata, Adobe Photoshop, Adobe Lightroom

**Languages:** English, Mandarin, Intermediate Spanish

## WORK EXPERIENCE

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**Bank of America Merrill Lynch**

**New York, NY | June – August 2020**

*Summer Global Technology Analyst*

- Achieved a 5.45% mean absolute percentage error (MAPE) on time series prediction model for daily ATM total cash volume estimations, beating the former benchmark by 42%, and delivered the top three performing models out of all intern groups.
- Collaborated with eight other interns through daily team meetings. Mentored and explained models to an Operations side team member who did not have extensive coding experience through personal conference calls.
- Researched and implemented Random Forest Regressor and Voting Regressor to achieve 8% and 6.8% MAPE, respectively.
- Evaluated findings and presented novel, evidence-based hypotheses to senior leadership about ways to further improve models.

**Bowdoin College**

**Brunswick, ME | January 2020 - Present**

*Teaching Assistant for the CS Department*

- Graded CSCI2200 (Algorithms) problem sets in a timely manner.
- Provided extensive feedback to questions on problem sets to help students better understand concepts and algorithms.

**Rochester Institute of Technology**

**Rochester, NY | June - August 2019**

*NSF REU Software Engineer Research Fellow*

- Created a web application tool to detect objects in images using OpenCV library. This tool will be embedded into a system that will recommend whether an individual should share a group photo based on each individual's preferences.
- Implemented the web application using MVC application structure with the Spring Boot Maven framework on Eclipse.
- Researched different object detection techniques and incorporated YOLOv3 using the COCO dataset into the web application.
- Developed an understanding of software engineering research related to multi-user privacy, machine learning, recommender systems, and command line among various other applications.

**Bowdoin Orient (newspaper)**

**Brunswick, ME | September 2017 – 2020**

*Associate Editor, former Copy Editor*

- Edited and fact-checked articles to ensure proper journalism etiquette and Orient style is met before weekly publication.
- Collaborated with the Orient staff editors to write articles and mentor new writers in ways to improve writing by offering tips.

**Sing Wah Kitchen**

**New Haven, CT | 2014 - Present**

*Assistant Manager*

- Developed interpersonal skills through greeting and conversing with customers, taking orders, offering recommendations, and prioritizing customer satisfaction in my interactions.
- Carried out tasks which included handling cash register, acting as customer service liaison, restocking inventory, operating deep fryer, packaging orders, cleaning at the end of the night, and delivering food.

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**Additional Activities:** Asian Students Alliance, Alumni Fund Ambassador, Buck/Farley desk monitor