# HAO KAI (KEVIN) LIAO

📞 646-369-3986  ✉ Haokliao@gmail.com  📍 New York, NY  ☺ **Website** 🔗 **LinkedIn** 🎧 **GitHub**

## PROJECTS

### Haokliao.Github.io
*Aug 2021*

- Created personal website utilizing Figma as a design platform for wireframing, and applying the designs utilizing HTML, CSS/CSS Grid, and Bootstrap.

### Critical Force Visualization
*Jun 2021*

- Conducted exploratory data analysis and visualizations on rock climbing forces using data from *An All-Out Test to Determine Finger Flexor Critical Force in Rock Climbers* (Giles et al 2020) with Seaborn, Matplotlib, and Pandas
- Utilized data to draw insight and conclusions on how ff-CF, W' relate to grades climbed, representing this using histograms, scatterplots, and more.

### Climbing Disciplines Visualization
*Jan 2021*

- Created an interactive display using Jupyter Notebooks and iPywidgets which generated heatmaps for three different disciplines of climbing (bouldering, top rope, lead), allowing for easy accessibility using Poetry as a Python dependency manager.
- Gathered and sourced data from the local climbing community for datasets, searching for trends between years climbing, climbing grade, and age.

## SKILLS

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|---|---|
| **Programming Languages** | Python \| HTML \| CSS \| JavaScript \| SQL |
| **Libraries and Frameworks** | Pandas \| Seaborn \| Matplotlib \| Jupyter Notebook |
| **Other Skills** | Git/Github \| Microsoft Office |

## EDUCATION

### Baruch College, Zicklin School of Business
*Expected Dec 2022*

BBA in Computer Information Systems | Dean's List Scholar
Minor in Statistics, Industrial/Organizational Psychology

### The Culinary Institute of America
*Nov 2015*

Associates of Occupational Studies for Baking and Pastry Arts

## EXPERIENCE

**CUNY Tech Prep**
New York, NY

**Web Development Fellow**  *Jun 2021 – Current*

 Participating in a year-long technical program within the CUNY system to learn in-demand technologies for web development, and industry best practices for design, implementation, and deployment such as MVC, agile & Scrum with Trello and Slack, test driven development, and CI/CD

**Central Rock Gym Manhattan**
New York, NY

**Front Desk Staff / Private Instructor**  *Jun 2018 – Current*

Providing both private and group climbing instruction for clients seeking more technical climbing instruction.
Assisted in leading belay instruction classes and creating a climber core curriculum.

**J Crew Rockefeller Center**
New York, NY

**Visual Merchandiser**  *Aug 2016-Aug 2017*

Collaborated with Director of the North American Men's merchandising division, to create visuals for the upcoming and seasonal merchandising rollouts for all J-Crew stores statewide

**The Modern**
New York, NY

**Pastry Cook**  *Jul 2015-Apr 2016*

Produced elaborate pastries, artisan breads and plated desserts in a fast paced, high pressure, deadline-oriented two Michelin-starred fine dining establishment