

## Relevant Coursework

- Data Structures/Algorithms
- Intermediate Statistics and Data Analysis
- Intro to Macroeconomics
- Matrix (Linear) Algebra
- Foundations of Higher Mathematics
- Intro to Machine Learning
- Rapid Prototype Development

## Student Organizations

- ACM ICPC team member
- Entrepreneur Society
- WashU Chemistry Tournament

## Technical Skills

**Proficient:** Java, C++

**Intermediate:** Python, Bash, R, PHP, HTML, CSS, MySQL, Objective-C, Javascript, Git, LaTeX

## Links

**GitHub:** <https://github.com/FelixWho>

**LinkedIn:** [www.linkedin.com/in/felix-hu](http://www.linkedin.com/in/felix-hu)

# Felix Hu

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## Education

### **Duke University**

Math, Computer Science, Bioinformatics

**2020 – 2023**

### **Washington University – St. Louis** (transferred)

Math + Computer Science

**2019 - 2020**

GPA: 4.0

## Work Experience

### **Corner 17 Restaurant Software Developer** | Spring 2019

- Built a management application for iOS devices that keeps track of customers, waitlists, free tables, and sales statistics; uses algorithms to suggest which tables to assign to customers, estimate wait list times, and visualize data

### **WashU Med Research Assistant** | **Ding Lab** | Summer 2019

- Built software for high throughput cancer genomics data that statistically analyzes data for significantly mutated genes. Work was presented at American Association for Cancer Research meeting.

### **Data Structures and Algorithms TA** | Winter 2020

- Guided students through problem sets/studios, hosted office hours, designed course materials
- Also served as a teaching assistant for 247R, a 2-hour weekly tech interview help session

### **L3Harris Technologies Software Engineer Intern** | Summer 2020

- Broadband communications sector
- Working with the ad-hoc networks group to develop radio solutions for clients
- Rewrote L3Harris' backend software framework to ensure robustness

## Projects

### **Safinia** | **Technology Lead** | Spring 2020

- Developing a natural language processing driven educational platform for medicine. Roles involve software development, managing the software team, ML model training, presenting work to VCs and other organizations. A Sling Health Initiative.

### **Buzzfund** | Spring 2020

- A trading service that uses machine learning algorithms such as random forest and boosting on options chains from TD Ameritrade's API to analyze trade decisions based on unusual options activity. Extensive backtesting is used to validate signals.

## Other Honors

### **USA Computing Olympiad** | **Gold Division** | 2017

- An algorithm and data structure-driven competition for high school students.

### **USA Biology Olympiad** | **Top 50** | 2019

- Ranked approximately 30<sup>th</sup> out of 10,000 total participants through multiple rounds of testing.