

## Education

**The Pennsylvania State University, Schreyer Honors College**

B.S. Computer Science

B.S. Economics

Minor: Mathematics

Expected May 2020

GPA: 3.8

## Coursework

- Data Structures and Algorithms
- Discrete Mathematics
- Mathematical Statistics
- Probability Theory
- Introduction to Systems Programming

## Skills

### **Programming:**

- Python (Advanced)
- Java (Advanced)
- Linux/Bash (Advanced)
- C/C++ (Proficient)

### **Tools & Frameworks:**

- Java Spring Boot
- Apache Maven
- Apache Kafka
- Cloud Foundry CLI

### **Foreign Languages:**

- Mandarin Chinese (Fluent)
- French (Proficient)

## Websites



[github.com/jed326](https://github.com/jed326)



[linkedin.com/in/jed326/](https://linkedin.com/in/jed326/)

## Work Experience

**JPMorgan Chase & Co. | Summer Technology Analyst**

June 2018 – August 2018 | Wilmington, DE

- Software engineering intern in JPMC's Technology Analyst Program.
- Supported firm's cloud migration in Chase Loyalty Solutions.
- Worked in Agile Scrum team and gave weekly demonstrations on technical progress.

**Applied Research Laboratory, PSU | Undergraduate Research Assistant**

May 2017 – Present | University Park, PA

- Performed research in the automation of cybersecurity processes, particularly penetration testing and evaluation.
- Gave regular technical presentations to supervisors.

**Economics Department, PSU | Undergraduate Teaching Assistant**

January 2017 – January 2018 | University Park, PA

- Proctored exams and graded homeworks for ECON 304.

## Projects

**Analysis of Relative Purchasing Power | DataFest Spring 2018**

- Awards: 1<sup>st</sup> Place Overall, Best Visualization.
- Analyzed and visualized which geographic areas enjoy higher and lower salaries relative to the cost of living index of that area.

**Financial Advice Chatbot | HackPSU Fall 2018**

- Facebook Messenger Chatbot powered by IBM Watson.

**Course Recommendation System Using Social Media | Nittany AI Challenge 2018**

- Recommends general education courses to students based on their social media data and history.
- Project was presented to a panel of Penn State administrators and engineers.

## Activities & Volunteering

- Competitive Programming, ACM PSU Chapter (March 2017 – Present)
- Social Media & Web Development Coordinator, PSU Economics Association (August 2017 – May 2018)
- PSU Concert Band (August 2016 – May 2017)
- PSU Club Tennis (September 2016 – Present)