

# JONATHAN OPPENHEIMER

Tarkington Hall, 1165 W Stadium Ave

West Lafayette, IN 47906

[joppenhe@purdue.edu](mailto:joppenhe@purdue.edu) • [github.com/JonathanOppenheimer](https://github.com/JonathanOppenheimer) • [linkedin.com/in/jonathan-oppenheimer/](https://linkedin.com/in/jonathan-oppenheimer/)

(703) 362-0215

## EDUCATION

### **Purdue University – College of Science**

*Bachelor of Science in Computer Science; Concentrations to be declared*

**West Lafayette, IN**

*August 2021 – May 2025*

- Cumulative GPA: xx/4.0; Major GPA: xx/4.0
- Relevant Coursework: Problem Solving and Object-Oriented Programming, Foundations of Computer Science\*, Programming in C\* (\* will be taken in the Spring Semester)

### **George Mason High School**

*Virginia Advanced Studies Diploma*

**Falls Church, VA**

*September 2017 – May 2021*

- Valedictory Scholar; 4.17/4.00 weighted GPA

## WORK EXPERIENCE

### **Glass House Recycling LLC**

*Founder/CEO*

**Falls Church, VA**

*February 2020 – Present (remote)*

- Founded curbside glass-pickup business with brother at age 17 to meet demand after Falls Church City stopped providing municipal glass recycling service, later incorporated
- Leveraged digital advertising and media (NBC, WAMU, NowThis) to grow customer base to over 100 households and expanded into commercial pick-up services
- Set up customer accounts and mailing/billing with limited reliance on third party services
- Learned how to, and filed all business taxes and paperwork (1040s, 1065; Schedules B, E, SE, 2; etc.)

### **Mary Riley Styles Public Library**

*Page*

**Falls Church, VA**

*January 2019 – March 2020*

- Assisted patrons, shelved, checked in, and catalogued books, and supported full-time staff
- Stellar half-year performance review

## PROJECTS

### **Mustang Mug**

*Svelte, Node.js, Google Firebase*

**Falls Church, VA**

*April 2021 – August 2021*

- Served as 1 of 2 leads for a team that designed, built, and deployed an online ordering web application for my High School's café, replacing a staff-intensive and inefficient Google form ordering system
- Used MySchoolBucks' API to provide payment options, and report sales to the school's existing platform and hosted application on Firebase
- Included a user-facing store that wraps the MySchoolBucks point of sale system and an administrator dashboard for complete configuration of the store's hours and menu
- Wrote user documentation for students and school staff, and technical documentation for future student maintainers

### **My CS Plan – Hello World Hackathon**

*Next.js, Flask*

**West Lafayette, IN**

*September 2021*

- Worked on a four-person team during Purdue's 2021 Hello World Hackathon to create a web app that returned the minimum listing of classes to achieve two Purdue CS concentrations, given two user choices.
- Designed and implemented front-end webpage, and interfaced with flask backend, making HTTP requests with user-selected tracks to fetch and display the optimized course listings

### **MileSplit Ranks Web Scraper**

*Node.js, Cheerio*

**Falls Church, VA**

*May 2021 – June 2021*

- Built web scraper to get ranked list of runners by region/event/gender/etc. from MileSplit without paying for pro membership
- Output ranked list in non-technical, easily readable format for track team members, which assisted in planning for regional competition

## OTHER INFORMATION

*Languages:* Native English, limited working Spanish; Java, HTML/CSS/JS, C in Spring Semester

*Tools:* Git, Github, Basic zsh/bash

*Awards:* Eagle Scout

*Certifications:* NOCTI Computer Programming, NOCTI Advertising and Design