JONATHAN OPPENHEIMER

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EDUCATION

Purdue University – College of Science **West Lafayette, IN**
Bachelor of Science in Computer Science; Concentrations to be declared *August 2021 – December 2024*

- Cumulative GPA: 3.93/4.00, Dean's List
- Relevant Coursework: Problem Solving and Object-Oriented Programming, Foundations of Computer Science*, Programming in C*, Data Science Labs for Differential and Integral Calculus* (*currently enrolled)
- Activities and Societies:
  - Hack the Future at Purdue – developer in team of 8 working in an agile environment to create testimonial submission tool for local nonprofit, Leadership Lafayette by end of academic year 2022. Stack includes Node.js, React, and Mongoose.
  - Purdue Outing Club – hikes and other recreation

WORK EXPERIENCE

Glass House Recycling LLC **Falls Church, VA**
Founder/CEO *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 residential households and expanded into commercial pick-up services
- Set up customer accounts and mailing/billing with limited reliance on third party services
- Familiar with, and independently filed, all appropriate forms (1040s, 1065; Schedules B, E, SE, 2; etc.)

Mary Riley Styles Public Library **Falls Church, VA**
Page *January 2019 – March 2020*

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

PROJECTS

My CS Plan – Hello World Hackathon **West Lafayette, IN**
Next.js, Flask *September 2021*

- Worked on a four-person team during Purdue's 2021 Hello World Hackathon to create a web app that returned a 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

Mustang Mug **Falls Church, VA**
Svelte, Node.js, Google Firebase *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

MileSplit Ranks Web Scraper **Falls Church, VA**
Node.js, Cheerio *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:	Java, C*, Python*, HTML/CSS/JS, LaTeX
Tools:	Git, GitHub, basic zsh/bash
Awards:	Eagle Scout
Certifications:	Purdue College of Science Intercultural Teamwork, NOCTI Computer Programming, NOCTI Advertising and Design