**Quinn Hilger**

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# EDUCATION

# University of California, Los Angeles Los Angeles, California

*Bachelor of Science in Computer Science and Engineering* Expected June 2025

• **Academics:** GPA**:** 4.0 / 4.0

# Nashua High School North Nashua, New Hampshire

• **Academics:** GPA**:** 4.0 / 4.0; SAT: 1500 (800 Math, 700 Reading) September 2017- June 2021

* **Honors:** Computer Science Award, AP Scholar with Distinction

# WORK EXPERIENCE

# Taggart Ice Nashua, New Hampshire

*Delivery* June 2022 – August 2022

* Assisted in delivery of 16 tons of ice each shift to gas stations, liquor stores, and supermarkets
* Communicated with clients to orchestrate restocking to prevent loss in sales

**Buckley’s Great Steaks Merrimack, New Hampshire**

*Busser, Barback*  March 2021 –September 2021

* Worked quickly, communicated with staff and always looked for better ways of completing tasks to improve productivity
* Recognized by servers and bartenders for customer service skills, efficiency, work ethic, and positive attitude at work
* Built relationships with regulars and encouraged new customers to return through casual conversation during shifts
* Communicated and planned with coworkers to cover shifts during periods of having an understaffed support team

# Chipotle Nashua, New Hampshire

*Restaurant Crew Member* August 2020 – January 2021

* Greeted customers, took orders, prepared meals, packaged food items, rung up customers, closed and opened store
* Advanced positions by acquiring new skills such as working the food line, register, grill, cold food prep, or food delivery
* Served upwards of 300 meals per hour while maintaining cleanliness and presenting a positive attitude to customers

# PROJECT EXPERIENCE

# BlockMarket : e-commerce web page

* Used Git version control to collaborate with four teammates to build a full stack web application, meeting weekly deadlines
* Developed front-end with React with Node.js, using functional components to represent web page data
* Used bootstrap to produce CSS for display of each web page and its data driven components
* Assisted in integrating backend using MongoDB and Express server
* Web page supported creating and signing into user pages, viewing and editing your own user page, and viewing other sellers
* Users could create posts to sell items, as well as search through text or filters for other posts to be purchased

# Super Peach Sisters : Object Oriented Programming

* Developed a Mario like platformer that is ran in the terminal through C++ files
* Created basic physics operations and character attributes to allow smooth gameplay
* Took advantage of inheritance between character classes to minimize code duplication

# Unhinged : Data Structure Optimization

* Created a simple text-based dating app in C++ that would handle matching up to 100,000 users based on certain attribute pairs
* Focused on choosing optimal data structures to minimize big O time complexity given a certain problems requirements
* Created a Radix tree to store text input efficiently and be able to handle very large amounts of data

# SKILLS & INTERESTS

**Technical Skills:** Linux, Git, React, CSS, and HTML

**Programming Languages:** Proficient in Java, C++, and Python, Experience with JavaScript, C, Swift, and Bash Scripting

**Interests:** AI /Machine Learning, Cybersecurity, Automotive, Web development, Soccer, Meditating, Roller Blading, and Lifting