Henry Lee

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EDUCATION

Purdue University | *West Lafayette, IN* — GPA: 3.91/4.0
Bachelor of Science in Computer Science — *August 2023 – Now*

Carmel High School | *Carmel, IN* — GPA: 4.43/5.0
High School Diploma with Academic Honors — *August 2019 – May 2023*

Relevant Coursework
- **Completed Coursework:** Problem-Solving and Objected-Oriented Programming, Multivariate Calculus
- **Current Coursework:** Foundations of Computer Science, Programming in C, Python Programming, Elementary Linear Algebra

PROJECTS

Wikimedia Content Improvement | *The Data Mine: Corporate Partners* — January 2024 – Now
- Worked with Wikimedia to improve content quality on sources such as Wikipedia
- Facilitated data accuracy by checking Wikidata's data against external sources
- Utilized languages such as Python, SQL, SPARQL, and RDF
- Executed and documented disparities between Wikidata and other sources to feed the Wikidata Mismatch Store

Tickets@Purdue | *CS18000 Project 5* — October 2023 – December 2023
- Developed a ticket-sharing marketplace where Purdue students can buy and sell tickets to sports games
- Employed IntelliJ with Java to develop features like networking, graphical user interfaces, and concurrency
- Created software to authenticate the user logging into the program and wrote test cases for the project
- Designed the graphical user interface to make it user-friendly for the user to interact with the program

GarlicRide | *2023 Hello World Hackathon* — September 15, 2023 – September 16, 2023
- Developed a ridesharing website that utilized Google Maps API
- Implemented HTML and CSS to develop a front-end web application
- Utilized Bootstrap to structure out the website
- Employed Visual Studio Code and Git to collaborate work with other members in the group

Virtual Reality and Augmented Reality Research Paper | *AP Research* — August 2022 – May 2023
- Utilized content analysis and trend analysis to examine trends in real-world virtual and augmented reality technologies
- Wrote a 5,000+ word research paper publishing the results and presented research in a formal presentation
- Received a 5 on the AP Exam

EXPERIENCE

Computer Science Honors Society — August 2022 – May 2023
Carmel High School — *Carmel, IN*
- Volunteered for 35 credit hours
- Co-hosted programming competitions with other members and taught computer science skills

Cheftacular Web Developer — March 2022 – May 2022
Carmel High School — *Carmel, IN*
- Developed a website for the 2022 Cheftacular event
- Designed a website that showcased the names of chefs, food items being made, and ingredients used
- Communicated with the client to make modifications
- Presented the finished project to a satisfied client before the event

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS, R
Developer Tools: Git, Visual Studio Code, IntelliJ, Eclipse, NetBeans