HENRY MAYER

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EDUCATION

Carnegie Mellon University *2023-2027*
Incoming Computer Engineering Student *GPA: –/4.0*
Purdue University *January 2022 - May 2023*
Non-degree Seeking Student, Computer Science *GPA: 3.88/4.0*
Selected Coursework: Discrete Math, C Programming, Computer Architecture, Software Engineering, & Multivariate Calculus
West Lafayette Jr/Sr High School *August 2019 - May 2023*
Academic Honors Diploma *GPA: 3.70/4.0*

LEADERSHIP & TECHNICAL EXPERIENCE

Mayer Studios May 2018 - Present
Co-Founder & Co-President *Global*

· Mayer Studios is an online software company with $30,000 in revenue and 8000+ customers in 90+ countries
· Co-founded Mayer Studios while in was in Middle School
· Created tested the majority of the company's software base
· Used data and interactions with clients to inform the strategic development of new products and services
· Managed purchasing and finances for the business

BoilerTime January 2023 - Present
Algorithms Engineer *West Lafayette, IN*

· BoilerTime is a data-driven class schedule optimizer for students at Purdue University that considers factors such as professor ratings, GPA, and time of day preferences to generate schedules
· Implemented agile methodologies, and served as the Scrum Master, reporting progress to the project's stakeholders
· Designed and developed the entirety of the optimization algorithm in Java and implemented with the surrounding Web UI
· Developed software to acquire data and to drive API routes for login and schedule data

SELECTED PROJECTS

NearBy, **by Mayer Studios** *2019-Present*
A Computerized Simulation of the Behavior of Ideal Gasses as they Approach Equilibrium *2021 - Present*
The Lamp Programming Language *2022-Present*
Star City Hacks November, 2022 Hackathon *Fall 2022*

TECHNICAL STRENGTHS

Programming Languages C/C++, Java, JavaScript, Python, HTML/CSS, & Assembly (AArch and x86)
Tools + Frameworks VIM, Bash, Git/GitHub, Linux CLI, Microsoft Office, & LaTeX