

Anthony McCrovitz

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EDUCATION

Purdue University – Class of 2026

Bachelor of Science in Computer Science, Software Engineering

Minor: Real Estate, Finance, Entrepreneurship & Innovation

Notable Activities: Purdue Entrepreneurship Certificate Student Ambassador, Purdue Hackers, Purdue Financial Management Association

West Lafayette, IN

GPA: 3.70/4.00

WORK EXPERIENCE

Founder/CEO Duneland Home Tech Solutions, LLC – Chesterton, IN | 5/24 - Present

- Launched a home technology solutions startup, acquiring 20+ clients in 3 months.
- Developed and implemented business strategies, improving operational efficiency by 25%.
- Designed and installed smart home systems, resulting in a 95% satisfaction rate.

Technology Assistant Dunes IT Consulting, Chesterton, IN | 5/23 –1/24

- Initiated and led a personalized tech support service, successfully educating over 50 seniors in new software and hardware solutions, resulting in a 75% increase in their digital literacy and engagement.
- Spearheaded the establishment of robust data privacy measures, resulting in a 25% decrease in data breaches and zero incidents of client information compromise.
- Managed remote troubleshooting and procurement services, improving IT support efficiency.

Leadership, Allyship & Mentorship Program Deloitte, Remote | 4/24-10/24

- Accepted from a large pool of students to participate in a small-scale college cohort, and a large national cohort with 240 students from 40 top schools.
- A cohort-driven mentorship program with a focus on building meaningful connections, developing leadership skills, and cultivating professional confidence.
- Paired with junior- and senior-level mentors at Deloitte Consulting for career consulting, network building, and interview prep.

Part-Time Contributor Amazon Web Services (AWS) Open-Source Contributor, Remote | 9/23 – 11/23

- Selected from the top 4% of applicants to contribute to AWS's open-source initiatives, enhancing skills in Python, React.js, JavaScript, and Java.
- Played a key role in a cross-functional team, working closely with engineers to implement cutting-edge solutions on AWS platform; achieved a 30% improvement in system performance, resulting in faster load times and enhanced user experience.
- Contributed to AWS open-source projects, resulting in two integrations that improved platform performance by 30%.

PROJECTS

Stock Price Prediction | [GitHub](#)

- Developed a machine learning algorithm to predict stock price increases using historical data from Yahoo Finance.
- Built a back testing engine to evaluate the model's precision and iterated with additional predictors for improved accuracy.

MLB Player WAR Prediction | [GitHub](#)

- Predicted MLB players' Wins Above Replacement (WAR) using machine learning models and back testing.
- Implemented data cleaning, feature selection, and model evaluation to ensure reliable season-to-season predictions.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, R | **Frameworks/Libraries:** React & React Native, Node.JS, Next.JS

Databases: MongoDB, SQL | **Tools:** Git, GDB, Microsoft Office Suite, Google Workspace, QuickBooks