

Matthew S. Wilford

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SUMMARY

As a Computer Science student at Cheyney University of Pennsylvania, I am devoted to learning about and applying the latest innovations in technology. Outside of class, I am the co-founder and former president of Cheyney University's STEM Club where I look for ways to expose students to STEM opportunities and career development. Upon completion of my undergraduate degree, I plan to pursue a Master's Degree in Software Engineering and obtain a position where I can apply my technical and communication skills.

EDUCATION

Cheyney University, Expected May 2024 Cheyney, PA
Bachelor of Science in Computer Science; 3.55/4.0 GPA
Minor in Data Analytics

TECHNICAL SKILLS AND SOFTWARE PROFICIENCIES

Java • C++ • JavaScript • Python • SAS • SQL • Pyret • CSS • SASS • ReactJS • React Flow • Bootstrap • Git • GitHub • Microsoft Office • Salesforce • Jira • Medallia • Agile • Frontend • Critical Thinking • Problem-Solving

WORK EXPERIENCE

Summer 2023 Eli Lilly Indianapolis, IN

Software Engineer Intern

- Partnered with Lilly business-facing IT groups to develop new business applications based on ReactJS, React Flow, CSS3, and GitHub for source control.
- Developed a reusable web app that enables business teams to create chatbot conversations using no-code.
- Presented Proof-Of-Concept (POC) activities associated with the web app project to business executives.
- Projected to save business users and developers 50% in time and cost.

Summer 2022 Comcast Corporation Philadelphia, PA

Software Developer Intern

- Rebuilt Merlin Component User Interface (UI), a proprietary backend database query tool that enables employees to mine customer data that supports product development.
- Built state-of-the-art UI to visualize complex data relationships using NodeJS, ReactJS, and Bootstrap.
- Member of a capstone project that used Jira, Medallia, and Net Promoter Scores (NPS) to assess customer satisfaction and make recommendations to improve customer experience.

Summer 2021 ELAP Services Wayne, PA

Claims & Audits Intern

- Used Salesforce to query and retrieve Reference Base Pricing (RBP) COVID-19 claims.
- Audited RBP COVID-19 claims for errors and charges that exceed allowable insurance plan limits.
- Created Excel reports that identify claim errors and excessive charges used by ELAP to negotiate reduced COVID-19 testing services with healthcare providers.

ACTIVITIES & SOCIETIES

President, Impact Movement Cheyney University Chapter • Finalist, HBCU Battle of the Brains • Member, IDGA • Member, IEEE Computer Society • Member, NSBE • Member, White House Initiative on Advancing Educational Equity, Excellence, and Economic Opportunity through HBCUs • Member, Collegiate 100 • Member, Thurgood Marshall College Fund Leadership Institute 23 • Member, Thurgood Marshall College Fund Leadership Institute 22 • President, STEM Club • Keystone Honors Academy Scholarship • Member, Cheyney Honors Academy Honors Conference Committee • Member, Cheyney Honors Academy Academic Literacy Committee • Member, Cheyney Honors Academy Leadership Committee • Vice President, YMWIC Foundation STEM Club Scholars Leadership Team