

Matthew Potts

267-281-0590 | pottsmatt217@gmail.com | linkedin.com/in/matt-potts | github.com/MattPotts217

EDUCATION

West Chester University of Pennsylvania

B.S. in Computer Science, Honors Seminar Pathway, Minor in Mandarin Chinese, GPA: 3.76

West Chester, PA

May 2027

- **Relevant Coursework:** Data Structures and Algorithms, Data Communications and Networking, Operating Systems, Computer Security and Ethics, Computer Systems

EXPERIENCE

STAR Software Engineering Intern

SAP America, Inc.

May 2025 – Present

Newtown Square, PA

- Research large language models (LLMs) and AI tools to identify opportunities for improving workflow efficiency.
- Test and prototype solutions using SAP Build Apps and Business Application Studio.
- Collaborated with another intern and a team member to develop an application using SAP BTP, React, and Flask to increase hiring efficiency.

Lifeguard

West Chester University of Pennsylvania

Oct. 2023 – May 2025

West Chester, PA

- Monitored pool safety for students and faculty, enforcing rules and preventing injuries.
- Collaborated with fellow lifeguards to maintain a safe and welcoming environment.
- Assisted in training and mentoring new lifeguards.

Head Lifeguard

Hopwood School and Camp

May 2021 – Aug. 2024

Towamencin, PA

- Supervised swimming activities for children aged 2–12, ensuring a safe and enjoyable environment.
- Communicated pool rules and safety guidelines to campers and staff using age-appropriate language.
- Coordinated with counselors to plan and execute water-based activities and lessons.
- Led reconstruction of swim lesson structure and supervised lifeguards for ages 6–12.

PROJECTS

Album Bot | Python, SQLite, Spotify, Discord

January 2026

- Developed a Discord bot that serves a randomized daily album and tracks listening progress.
- Designed and implemented an SQLite database to manage unlistened and completed album records.
- Integrated the Spotify API using Spotify to fetch and update album metadata in real time.
- Displayed information on Discord for users to interact with.

Care Through The Cosmos | Python, Flask, React, JavaScript, HTML/CSS, Git

September 2025

- Collaborated with two other students over 10 hours to create a space-themed survival game.
- Used React and CSS animations to simulate star, meteor, and astronaut movement.
- Implemented systems for hunger, health, and energy tracking.

BudgeIT | Python, SAP UI5, XML, JavaScript, HTML/CSS, JSON, SAP BTP, Git

August 2025

- Developed a budgeting and coupon-tracking web application during a 3-day team sprint.
- Built the frontend with SAP UI5 and hosted it on the SAP BTP platform.
- Used SAP Business Application Studio and Git for development and version control.

Grumblr | Python, MySQL, AWS EC2/RDS, JavaScript, HTML/CSS, JSON

April 2022 – June 2022

- Developed a social media-style web app for users to post and like content.
- Hosted the site on AWS EC2 and managed user data with an RDS MySQL database.

SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS, XML, JSON, Postgres

Frameworks: React, Flask

Developer Tools: SAP UI5, SAP BTP, Google Cloud Platform, IntelliJ IDEA, Visual Studio Code, GitHub, AWS EC2/RDS

Other: Basic Fluency in Mandarin Chinese, First Aid Certified, CPR Certified

EXTRACURRICULAR ACTIVITIES

Men's Club Water Polo — Vice President	Fall 2025–Present
Competitive Programming Club — Secretary	Fall 2025–Present
Chinese Club — Secretary	Fall 2025–Present

EXTRACURRICULAR EVENTS

- West Chester Programming Competition, Spring 2024
PACISE Programming Competition, Spring 2025
SAP STAR Hackathon, 2025
OwlHacks 2025, Fall 2025
CCSC-Eastern, Fall 2025