Sebastian DSouza

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EDUCATION

Purdue University   **West Lafayette, IN**
Bachelor of Science, Computer Science   **May 2024**
Concentrations: Security, Programming Languages

Schaumburg High School   **Schaumburg, IL**
Academic Scholar   **May 2021**
- Weighted GPA: 4.74
- Activities/Honors: National Honor Society, AP Capstone Scholar, Varsity Golf/Tennis

PROFESSIONAL EXPERIENCE

Conagra Brands   **Omaha, NE**
Software Development Intern   **May 2022 – Present**
- Developed a secure reactive web app that pulls sales from a data source, calculates the royalties owed, and formats an excel file output to be sent to a manager that executes the payment
- Utilized an agile software development cycle and a JIRA platform to communicate and track progress

PCS International   **Inverness, IL**
Project Manager Intern   **June 2021 – July 2021**
- Led a team of IT interns to replace outdated network infrastructure and strengthen cybersecurity for two schools in Chicago

IT Expert Systems   **Schaumburg, IL**
Software Engineering Intern   **June 2020 – August 2020**
- Developed a web-based attendance system using facial recognition through the use of JavaScript, Python, cloud computing, and Amazon Web Services on a Raspberry PI
- Increased efficiency for both teachers and students in classrooms or events by replacing traditional methods of attendance

LEADERSHIP

Business Professionals of America   **Schaumburg, IL**
Officer   **August 2020 – May 2021**
- Led the school team in computer related events at the regional and state level
- Placed 1st at the state level for the Network Design Team event

RELEVANT COURSEWORK

Purdue University
- CS180: Problem Solving and Object-Oriented Programming
- CS182: Foundations of Computer Science
- CS240: Programming in C
- CS251: Data Structures and Algorithms

Harvard University
- CS50x: Introduction to Computer Science

Self Study   **August 2019 – May 2020**
Independent Research Project
- Developed an algorithm to analyze sentiment from social media to predict fluctuations in the stock market
- Critiqued, improved, and added upon previous research done in stock market projections

RELEVANT SKILLS

- Advanced in JavaScript (TypeScript), Python (Django), C, Java, SQL, HTML, CSS
- Proficient in Agile Development, JIRA, Git (GitHub, DevOps), Microsoft Excel, YAML