

James Xu

WASHINGTON, D.C. • (240) 593-1295 • james@jamesxu.dev
<https://jamesxu.dev> • <https://github.com/jamxu88>

EDUCATION

Poolesville High School, Poolesville, MD • 2019-2023

- Science, Math, and Computer Science Magnet Program
- Relevant coursework: Multivariable Calculus, Algorithms and Data Structures, Research and Design Science, Research and Engineering, AP Java

SKILLS

Programming: Javascript, Typescript, Golang, HTML, CSS, Python, Java

Leadership: Problem Solving, Research and Design, Project Management, Team Management, Business Management

Software: Figma, Adobe Xd/Photoshop/Premiere Pro, Microsoft Office, Google Suite

EXPERIENCE

Summer AI/ML Engineer Intern • SoKat Consulting • Summer 2022

- Created an AI algorithm that can detect and respond to an individual's words and emotional sentiment in real-time using Python and PyTorch and deployed it on a web server.
- Used Figma to design User Interfaces and prototype User Experiences in applications.
- Skills acquired: Machine Learning, UI/UX Design

Founder • Fuchsia • 2020-2022

- Managed a team of six engineers to develop web, automation, blockchain, and productivity software for multiple clients that served thousands of customers, increasing their value and competitiveness.
- Skills acquired: Team Management, Client Acquisition, Web Development, Business Management

Assistant • Trusted Financial Services, Inc. • 2017-Present

- Developed the company website, engineered programs that analyzed and automated data entry tasks.
- Skills acquired: Data Analysis, Automation, Problem Solving, Financial Literacy

Director • Poolesville Hacks • 2022-Present

- Directed Poolesville's first-ever hackathon, drawing over 150 members, multiple sponsors, and dozens of submissions, forming a team for future events. Current mentor and consultant for technology management and event organization.

PROJECTS

Musepay • Bitcamp @ UMD • 2022

- Created a social hub for friends and family to monitor finance that serves as a simple and secure platform for lending and spending. Engineered the API server and backend connections with financial services and databases. Organized the project by creating flowcharts and diagrams.

Movie Night • Won "Most Technically Impressive Hack" from MocoHacks • 2021

- Developed a website that allows for a way to sync and watch YouTube videos together with friends, users are able to create a private room and sync their YouTube videos with each other, as well as talk in a chat room.

MCPS COVID Dashboard • 2021

- Aggregated COVID data provided by the school county to create accurate, transparent summaries and easy-to-understand visuals. Developed the front-end and data analysis.

Protego • Won "People's Choice Award" from TeenHacksLI • 2021

- A privacy-forward Chrome Extension that allows users to monitor where their data through locally intercepting network requests. Developed the API Server and UI, and added API integrations.

Getin.vc • Won "Best Use of Google Cloud" from Hoohacks • 2022

- A temporary Voice Over Internet Protocol lobby platform targeted towards gamers where users may share a short link with each other and join a voice call and a text chat. Implemented the middleware, server, and designed the frontend. Organized the project by creating flowcharts and diagrams.