ALEXANDER RAJASEKARAN

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OBJECTIVE

I am a fourth year undergraduate computer science student at Temple University interested in various areas of computer science, including but not limited to high performance computing, distributed computing, compiler and systems architecture, artificial intelligence, and machine learning.

EDUCATION

Bachelor of Computer Science, Temple University (GPA 3.3, major GPA 3.5) 2020 - Present
Relevant Coursework: Data Structures and Algorithms, Software Design, User Experience Design, Computer Systems and Low-Level Programming, Linear Algebra, Computational Probability and Statistics, Systems Programming and Operating Systems, Wireless Networks and Security, Independent Research

Associates of Computer Science, Delaware County Community College (GPA 3.8) 2019 - 2020

SKILLS

Languages	Java, C, C++, Python, HTML, CSS, Lua
Toolsets	Front-End Web Development, UX Design, Axure, Figma, VSCode, Git, JSON, RESTful APIs
Teaching	Mentoring and Conflict Resolution Skills, Agile Methodologies, Software Projects, Documentation writing

EXPERIENCE

Software Design Teaching Assistant Aug 2023 - Present
Temple University *Philadelphia, PA*

- Facilitated and taught Junior and Senior CS undergraduate students in team-focused and design pattern coding labs using agile framework and scrums

UX Design Engineer and Front-End Web Developer Nov 2022 - Present
LaMancha Animal Rescue *Coatesville, PA*

- Developed and maintained website HTML and CSS code while designing and delivering a quarterly email campaign reaching over 5000 people and generating over $10000 in donations

Team Director and Hiring Manager Jun 2021 - Present
Farm & Wilderness Foundation *Plymouth, VT*

- Built and managed organization PR during novel Norovirus crisis by drafting communication for 300+ customers

SELECTED PROJECTS

Optimizing PIM Data Flow for High Execution Efficiency - Ran unique simulations to create hit trace data on cache, memory, and PIM processors in order to develop an approach to cache pollution and high PIM traffic in a PIM environment

Design of Transportation Accessibility and Information Utility - Using Figma, Axure, and Miro, this application proposed and user tested a mobile and navigable solution to SEPTA wait times and information dissemination (Try it here)

EXTRA-CURRICULAR ACTIVITIES AND HONORS

- 300+ hours of animal care volunteer service at LaMancha Animal Rescue
- President's Honor List for full-time students Spring 2020