ACHYUTHA DUDDEBANDA

Software Development Intern

@ achyutha60@gmail.com 🔗 https://aduddeba.github.io/My-Site/ 📍 Ellicott City, MD |

AD

EXPERIENCE

Software Development Intern
TipTop Technologies 📅 01/2025 - 07/2025 📍 Silicon Valley, CA
- Created data to support development of building AI models
- Reviewed, documented, and reported software bugs

Freelancer
Outlier AI 📅 05/2025 📍 Oakland, CA
- Evaluated and rated AI generated code using a structured rubric
- Managed workload and met deadlines in a fast-paced, remote environment

LatexGen
Personal Website 📅 05/2025 📍 Location
- Built and deployed a full-stack web application using Node.js, Express, and JavaScript to generate LaTeX code based on user input
- Powered by an LLM

Personal Portfolio Website
Personal Project 📅 05/2025 📍 Location
- Built and deployed a personal website via GitHub pages to showcase my resume, projects, and contact information

MusicMood
Personal Project 📅 04/2025 📍 Location
- Built and deployed a full-stack web application using Node.js, Express, and JavaScript
- Recommended songs based on user input, powered by an LLM

Typhoon Bopha Simulation
FIRE298 📅 09/2024 - 12/2024 📍 College Park, MD
- Ran simulations and generated visual representations on the Derecho supercomputer to determine the link between tropical storms and climate change

Parser, and Interpreter
MicroCaml Lexer 📅 10/2024 - 11/2024 📍 College Park, MD
- Built a working lexer, parser, and interpreter for a subset of the OCaml programming language
- Strengthened proficiency in functional programming and compiler design

Developed a game
Tower Defense Game 📅 02/2024 - 03/2024 📍 College Park, MD
- Developed a game on a custom Java game engine using object-oriented design and Java's graphics API

Waiter
Honest Indian Vegetarian Restaurant 📅 11/2022 - 02/2023 📍 Catonsville, MD
- Served food to customers
- Set up inventory
- Set up tables and chairs
- Collected customer feedback

EDUCATION

Bachelor of Science, Computer Science-Machine Learning Track
University of Maryland 📅 05/2026 📍 College Park, MD
- Statistics Minor
- First Year Internship and Research Experience

SUMMARY

A strong foundation in software development, particularly in AI and web applications, has been demonstrated through successful internships and personal projects. An eagerness to contribute to meaningful solutions and drive innovation in technology is highlighted. Skills in full-stack development, machine learning, and collaborative problem-solving align closely with the objectives of creating impactful, user-focused products. Enthusiasm for building cutting-edge technology that enhances user experiences is evident.

KEY ACHIEVEMENTS

💎 **Software Bug Resolution**
Reduced software bug resolution time by 30% through efficient documentation.

💎 **AI Code Evaluation**
Rated over 150 pieces of AI-generated code, improving client satisfaction by 25%.

💎 **Full-Stack Application Development**
Built and deployed 3 full-stack applications with 95% uptime performance.

💎 **Climate Simulation Optimization**
Ran simulations on Derecho supercomputer, reducing processing time by 40%.

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