

Prama Yudhistira

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EDUCATION

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Computer Science

Aug. 2021 – May 2025

- **Concentrations:** Intelligence and Information Internetworks
- **Relevant Coursework:** Design & Analysis of Algorithms, Data Structures & Algorithms, Database Systems, Computer Organization & Programming, Discrete Mathematics, Applied Combinatorics, Linear Algebra
- **Organizations:** Big Data Big Impact @ Georgia Tech, Grand Challenges Living Learning Community, Indonesian Students Association, Phi Sigma Kappa Fraternity, RoboJackets

EXPERIENCE

Incoming Database Development Intern | Full-Time

May 2024 – Aug. 2024

WebstaurantStore by Clark Associates Inc.

Lititz, PA

- The position will begin in May 2024

Software Developer | Part-Time

Aug. 2023 – Present

AI-based Discovery and Innovation VIP

Atlanta, GA

- Working with Dr. Ali Adibi and Emory University researchers to enhance medical imaging with Computer Vision

Software Engineering Intern | Full-Time

May 2023 – Aug. 2023

Incident IQ

Atlanta, GA

- Contributed to a scalable software solution that serves a userbase of over 10,000,000 across 1,000 school districts
- Reduced the backlog by 10% within the first 2 weeks of joining by resolving critical bugs, quickly adapting to the software's robust stack comprising ASP.NET, AngularJS, and SQLServer
- Increased team velocity by 25% by utilizing Azure DevOps to streamline CI/CD pipelines and enhancing new feature sets in an Agile environment
- Leveraged Azure Data Studio for database manipulation to diagnose database issues, leading to the resolution of over 50 bugs throughout the internship
- Created over 80 Jest Unit tests ensuring seamless migration from AngularJS to React

Software Developer - Team Lead | Part-Time

Aug. 2022 – Dec. 2022

Gaming for Electric Power Grids VIP

Atlanta, GA

- Led a team of 5 using Agile methodologies to rapidly develop and iterate a project in Unity in the programming and implementation team
- Designed an accurate in-game wildfire algorithm with 85% accuracy based on expert feedback
- Optimized scripts of game objects in C#, ensuring a more efficient simulation, and created over 10 new features
- Utilized player data to train a machine learning algorithm, giving engineers strategies on actions to take in real disaster scenarios

PROJECTS

SideHustleApp | C#, SQL, Javascript, Angular, ASP.NET, Heroku, REST, Git

June 2023 – Present

An amalgamation of Craigslist and OfferUp tailored for the college student demographic

- Developed a full-stack web application with ASP.NET for the RESTful API and Angular for the frontend
- Created user authentication services to ensure secure access to the application
- Managed a complex database schema using SQLite with a code-first approach using Entity Framework
- Designed unit tests using xUnit and Jest to ensure quality of software

Hurricane Cost Predictor | Python, Javascript, React, Flask, D3.js, REST, Git

Aug. 2022 – May 2023

Big Data Big Impact Data Vis and Platform Sub-Team

- Developed a project that predicts damage costs of a hurricane in the US
- Created an interactive mapping feature where users plot the path of a hurricane with Google Map React library
- Implemented data visualization capabilities using D3.js
- Constructed a REST API using Flask to gather data from the machine learning model

TECHNICAL SKILLS

Languages: Python (Advanced), Java (Advanced), C#, C, SQL (MySQL, SQLite, SQL Server), JavaScript, HTML/CSS

Frameworks: React, Node.js, Flask, JUnit, ASP.NET, Angular, AngularJS, Jest, xUnit

Developer Tools: Git, Docker, Microsoft Azure, Github, WSL, Unity, Heroku, Vercel, TensorFlow

Libraries: Json.NET, FastHTTP, NumPy, JavaFX, Entity Framework