

Pujith Veeravelli

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EDUCATION

Georgia Institute of Technology

May 2024

B.S. Mathematics

4.0 GPA

B.S. Computer Science

- Relevant Coursework: Data Structures/Algorithms, Computer Architecture, Objects and Design, Linear Algebra

PROFESSIONAL EXPERIENCE

Software Engineering Intern

January 2021 – May 2021

Oracle Corporation

Cumming, GA

- Leveraged Python, SQL, and front-end frameworks to develop an application to support billing in the utility industry
- Coordinated team responsibilities and delegated programming assignments to interns
- Shadowed industry professionals and proposed technology and presented IoT based solutions Oracle executives

Software Engineering Intern & Senior Instructor

July 2020 – December 2020

Technoworld Consultants/Chesstronics

Cumming, GA

- Used HTML/CSS and JavaScript to fix issues on and develop new webpages for Chesstronics' websites (increased traffic by 15%)
- Developed an online learning platform using a full-stack tech stack that allows students to complete chess puzzles, participate in tournaments, and analyze games
- Created lesson plans (and visual aids) and instructed students in Java and Python
- Organized state-level coding competitions and trained first-time robotics & coding instructors

SKILLS

Programming Languages: Java, Python, Flutter & Dart, C, HTML/CSS, Matlab, SQL, JavaScript

Libraries & Frameworks: Pandas, NumPy, Matplotlib, Tkinter, React.js

Developer Tools: Git, Google Cloud Platform, Android Studio, Bash, Linux, LaTeX

LEADERSHIP & EXTRACURRICULARS

Vice President

Oct. 2019 – May 2021

Mu Alpha Theta

South Forsyth HS, Cumming, GA

- Conducted math tutoring sessions; assigned members to teach algebra, calculus, etc. to HS students
- Assisted members to prepare for math competitions and planned "Math Night" for ES students
- Directed monthly meetings—explained intriguing math concepts and organized friendly competitions

Lead Programmer

Aug. 2017 – May 2019

VEX Robotics

South Forsyth HS, Cumming, GA

- Utilized PROS and Robot C to lead the programming effort
- Automated common tasks; implemented PID functions, odometry, gyro-filtering; built up a code repository
- Volunteered 30+ hours each term to teach interested children around the community

PROJECTS

Sorting and Pathfinding Visualizers

March 2021

HTML/CSS, JavaScript

- Designed interactive web applications using HTML/CSS/JS and React.js that allows users to visualize Dijkstra's shortest path and various sorting algorithms
- Sorting demonstrated through colored bars and pathfinding shown in a grid format

WriteRight - Handwriting to Text WebApp

October 2021

HTML/CSS, JavaScript, Python, APIs

HackGT-Atlanta, GA

- Created a web application using React.js and utilized OCR algorithms to convert images of handwriting to text
- Called an external grammarly-type API to analyze the converted text and return suggestions/corrections to improve the user's text

Introduction to Financial Literacy

June 2019 – July 2019

Python, Flutter/Dart

- Developed an "Introduction to Financial Literacy" app with interactive lessons for children (200+ users) using dart and python modules