George Thayamkery

Software Engineer

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EDUCATION

Texas A&M - *B.S in Computer Science and a Business minor* **(GPA: 3.62)**

AUGUST 2018 - MAY 2022

Relevant Coursework:
Data Structures and Algorithms, Computer Organization, Linear Algebra, Programming Languages, and Introduction to Computer Systems

WORK EXPERIENCE

Amazon Audible - *SDE Intern*

JUNE 2020 - AUGUST 2020

- Worked on the Audible Voice Experience Team (Audible on Alexa)
- Created an Alexa Skill hosted on AWS Lambda using Node JS and Typescript
- Used AWS CDK and CloudFormation to generate infrastructure using code.
- Managed deployment pipeline to deploy skill across various stages

JUNE 2019 - AUGUST 2019

- Worked on the Audible Homestead Team (Audible on Amazon)
- Created Java Spring Web services to serve audiobook carousels across many pages on amazon.com
- Collaborated with various engineering teams to create roadmaps and design documents.
- Managed deployment pipeline to EC2 instances

Nepris - *Software Developer Consultant*

MARCH 2020 - MAY 2020

- Launched a virtual classroom platform to help 1000+ teachers schedule and conduct online lectures
- Established new CI/CD workflows using Azure Pipelines
- Developed a solution to allow for new React based infrastructure to interact with legacy code

MAY 2018 - AUGUST 2018

- Overhauled UI across most of Nepris' main web application
- Created an in-house video ingest tool that rendered, uploaded, and transcribed generated video clips
- Made an internal web app that let operators make clips and update captions

Purch (now Future PLC) - *Summer Intern*

JUNE 2016 - AUGUST 2016

- Developed various hybrid (iOS and Android) mobile apps for each of Purch's media brands
- Created a framework that automates generating mobile apps for future brands.

JUNE 2017 - AUGUST 2017

- Developer for Purch's ShopSavvy iOS app.
- Became a part of a SCRUM team to constantly push out various changes

PROJECTS

Graded - *https://geooot.com/graded*

JUNE 2014 - JULY 2018

- Mobile app (iOS and Android) that lets students easily keep track and analyze their grades.
- Reached over 35,000 daily active users across many North Texas school districts
- Acquired by Sleeker App Studios in July 2018

Codescrim - *https://codescrim.com*

JUNE 2014 - PRESENT

- Web app that allows computer science clubs to run automated coding competitions
- Developed solutions to manage problems, securely compile submitted code, and queue judging requests
- Used in Codecember, a coding competition in 2017 where 40+ teams of 4 competed.

Helping Eye - *https://geooot.com/helping-eye*

JANUARY 2020

- Chrome Extension that aims to make it easier for the visually impaired to navigate the web with chat bots
- Won 1st place for the Microsoft Challenge at TAMUhack 2020.
- Won 1st place for the Gartner Chatbot Challenge at TAMUhack 2020.

LANGUAGES AND SKILLS

Java, Python 3, C++, Dotnet Core, Azure, Node JS, React, Typescript, HTML 5/CSS 3, Google Cloud Platform

ACHIEVEMENTS

TAMUhack 2020 - Hackathon
Won the Microsoft and Gartner Sponsor Challenges. Also placed in the top 6 projects.
Created a Chrome Extension to help visually impaired users navigate websites through chatbots.
(https://geooot.com/helping-eye)

HackTX 2019 - UT Austin Hackathon
Won PwC Sponsor Challenge
Created a web app that allowed Social Service Centers to track donation inventory.
(https://geooot.com/fullhouse)

TAMUhack 2019 - Hackathon
Won MLH sponsor challenge.
Created an app called noted that uses OCR to scan class notes.
(https://geooot.com/noted)

TAMUctf Spring 2019
Competitive Cybersecurity Competition.
1st place in Freshman Bracket.

ACTIVITIES

TAMU Datathon
Lead Tech Director for TAMU's Data Science focused Hackathon.
(https://tamudatathon.com)

Aggie Coding Club
Computer Science focused club designed to explore the world of Software Engineering.
(https://aggiecodingclub.com)

Codecember
Created/Hosted a coding competition in December for student programmers in the North Dallas area. 40+ teams competed.
(https://codecember.com)