ROBERT VERES

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U.S., Canadian, and Hungarian (E.U.) Citizen

Objective

Dedicated, team-oriented student seeking internship opportunities in software engineering, data engineering, and machine learning to apply years of experience in developing cloud-native, data-driven, microservice-oriented technologies in a professional setting.

Education

GEORGIA INSTITUTE OF TECHNOLOGY – Atlanta, GA – GPA: 4.00 Exp Grad: May 2022

Bachelor of Science in Computer Science with concentrations in Intelligence and Systems/Architecture
Awarded four-year full-ride Stamps President's Scholarship
Relevant coursework: Data Structures & Algorithms (CS 1332), Computer Systems and Networks (CS 2200), Advanced Computer Architecture (CS 4290), Digital Design (ECE 2031), Artificial Intelligence (CS 3600), Machine Learning (CS 4641)

Skills

Programming Languages: Advanced: Java, C#, Python, JavaScript, Dart, HTML, CSS. Intermediate: C, C++, Scala, Kotlin, SQL.

Frameworks, Libraries, Tools: Advanced: React, Flutter, ASP.NET, NodeJS/Express, Pandas, NumPy, TensorFlow, Keras, Git. Intermediate: Angular, React Native, Hadoop, Spark, Kafka, Flink, Docker, Kubernetes, Google Cloud, Amazon Web Services.

Additional Skills: Electronics prototyping, Printed Circuit Board design (Altium), Quantitative Finance (Bloomberg Terminal)

Experience

MOBILE APPLICATION DEVELOPER – MonosDigital – Remote Jun 2019 – Aug 2019

- Collaborated with global team of developers via Slack to develop features for and improve stability of Tour, a drag-and-drop trip planning app.
- Worked to establish integration with Google Cloud Firebase Firestore and Mapbox APIs by migrating cross-platform React Native JavaScript code to add Android compatibility, increasing potential user base by 50%.
- Aided in the migration of existing iOS codebase to Android by porting Objective-C/Swift code to Java, ensuring compatibility with AndroidX.

SOFTWARE ENGINEER INTERN – LEAD Technologies – Charlotte, NC Jul 2018 – Aug 2018

- Coordinated with Technical Support team to improve efficiency by researching and designing a document management system to provide easy accessibility to various document types and code snippets.
- Implemented REST API prototype for document management system with ASP.NET MVC/Web API, Microsoft SQL Server relational database, and Entity Framework backend with dynamic ReactJS frontend.
- Responsible for coordinating with management and administrators to assess project needs and feedback and to deploy prototype.

Projects

TANULJ KÓDOLNI (LEARN TO CODE) FOUNDER Jun 2016 – Jul 2020

- Sought to alleviate the lack of resources to learn programming in Hungarian by developing the first online platform where native Hungarian speakers can learn programming and software development for free.
- Developed REST API backend with ASP.NET Core and Microsoft SQL Server (using Entity Framework); incorporated JSON Web Token authentication using ASP.NET Identity and created dynamic frontend single page application with ReactJS and GraphQL.
- Implemented microservice-based development and deployment strategy with Docker containerization of application components.

AGRIA: CLOUD-BASED AGRICULTURE SOLUTIONS COPROPRIETOR Jan 2019 – Apr 2019

- Collaborated with team of three to develop business plan for cloud-based agriculture solution backed by artificial intelligence for providing farmers with real-time, highly accurate data to improve crop yield.
- Aided in the distribution of responsibilities among team members, prototyped technologies, and conducted research on target markets.
- Presented business plan to local business leaders; named runner-up in Charlotte Entrepreneurship Challenge.

Activities

AVIONICS TEAM MEMBER – Yellow Jacket Space Program – Atlanta, GA Nov 2020 – Current

- Collaborate with 15+ Avionics Team members to develop hardware and custom systems-level software for the Yellow Jacket Space Program, the first collegiate team seeking to launch a liquid-fuel rocket into space.
- Design printed circuit boards in Altium; aid in development of Raspberry Pi central computer and microcontroller endpoints.
- Develop systems-level C/C++ codebase for integration of modularized rocket data collection circuits using CLion.