Joshua Kowalski

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EDUCATION

Florida State University - Tallahassee, FL   Aug 2019 – May 2023
Bachelor of Science in Computer Science   *GPA: 3.48*

Relevant Coursework: Data Structures and Algorithms (1&2), Object Oriented Programming, Software Engineering, Computer Organization, Advanced JAVA, C#, Unix Tools, Computer Security, Calculus (1&2), Discrete Math (1&2)

EXPERIENCE

Software Engineer Intern   June 2022 – August 2022
Deloitte   *Lake Mary, FL*
- Developed a full-stack application following N-Tier architecture to handle CRUD operations for SSL certificates
- Optimized onboarding process for a team of 100+ developers by creating a portal for handling 20+ SSL certificates
- Programmed a back-end in C# using entity framework in .NET 6.0 to map multiple SQL tables to the data layer
- Created a front-end Appian web app providing user management, data parsing tools, and API calls to the back-end
- Utilized SSMS to create an SQL server database populating meta-data to multiple tables for 20+ SSL certificates
- Deployed a RESTful API to handle all DB CRUD operations, certificate transformations, and front-end requests

Direct Marketing   May 2019 – Aug 2021
Cedar Roofing Company LLC   *Lake Forest, IL*
- Promoted roofing services to 1000+ potential customers by reaching out to targeted communities around Chicago
- Provided positive year-year growth of revenue as well as creating full bookings throughout each roofing season

Front End Cashier   May 2017 – Feb 2019
Heinen's Fine Foods   *Lake Bluff, IL*
- Worked with customer service, sales, CPG market, and learned fundamentals of a POS system
- Interacted with 100+ customers every day while building fundamental communication and strong leadership skills

PROJECTS

Task Manager Application | *C#, ASP.NET, JSON, Visual Studio, Git*   Jan 2022 – May 2022
- Developed a full-stack UWP application using .NET Core to preform CRUD operations on a list of tasks
- Utilized entitiy framework and newtonsoft to provide local and server side persistence for 75+ tasks
- Released a front-end UWP application in C# and XAML to display all tasks with optional filters and custom fields
- Implemented a back-end in .NET with an API that manages actions coming from UWP as well as saving/loading

Personal Website | *HTML/CSS, JavaScript, GitHub Pages, VS Code*   May 2021 – Aug 2021
- Published a personal website to show education, skills, previous positions, and other personal projects
- Applied my knowledge of HTML, CSS, and JavaScript to create and host my personal website using GitHub pages
- Utilized JavaScript and CSS to create a parallax effect, static menu bar, and scrolling image effects

Zero-60 IOS App | *SWIFT, XCode*   Jan 2019 – May 2019
- Created an IOS application with Swift using core motion frameworks to time acceleration from 0-60 mph in a car
- Developed a front-end landing page and settings page that contains an auto-start feature which detects movement
- Tested to accurately display correct timer values within 100ms while accounting for gyro lag and GPS inaccuracy

TECHNICAL SKILLS

Languages: C/C++, Java, C#, HTML/CSS, JavaScript, Python, R, SQL, XAML, Swift, Bash
Frameworks: .NET, Json.NET, Newtonsoft, Swagger API, Node.js, Apple Core Motion, UWP
Developer Tools: Git, VS Code, Visual Studio, IntelliJ, Eclipse, BlueJ, Unix, Xcode, Jira, Appian, SSMS

INVOLVEMENT

Kappa Sigma Fraternity | *Florida State University*   Nov 2020 – Present
Eagle Scout | *Lake Bluff, IL*   Sep 2017