UNIVERSITY OF LOUISVILLE®

J.B. SPEED SCHOOL OF ENGINEERING

Thomas Sarver
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OBJECTIVE	Computer Engineering/Science Full Time Job	May 2019

EDUCATION	**Bachelor of Science in Computer Engineering/Computer Science**	Expected May 2019
	Minor in Mathematics	Expected May 2019
	J.B. Speed School of Engineering, University of Louisville	Fall 2018 Semester GPA 3.4/4.0
		Hours Completed: 117

SKILLS/COURSEWORK

Programming Languages
- HTML, CSS
- C, C++
- C#, .NET
- Java
- SQL
- Assembly
- Visual Basic
- Swift

Computer Engineering & Mathematics Fundamentals
- Object-Oriented Programming
- Algorithms
- Automata Theory
- Databases
- Operating Systems
- Embedded Systems
- Artificial Intelligence
- Calculus
- Microcomputer Design
- Discrete Math
- Mobile Application Design
- Differential Equations
- Statistics
- SCRUM & Agile Software Development

APPLIED EXPERIENCE

Class Project: Worked with a team to research and design a web app that will manage a user's pantry and search possible recipes based on ingredients within the pantry itself. **Used C# and SQL programming**.

Android Development Project: Developed a "Crystal Ball" application for Android OS. The user would shake or tap the phone, and the program would generate a yes/no response and animate it when displayed. **Used Java and Eclipse IDE.**

iOS Development Project: Developed a database application that keeps track of items within a living space and which household resident they belong to. **Used Swift and XCode IDE.**

WORK EXPERIENCE

Homecare Homebase   January 2016 – August 2018
Software Developer Intern – Financial Development Team   Louisville, KY
- Developed and tested hospice healthcare software and database application
- Team-oriented development environment (Scrum and Agile)
- Made architectural changes to the application to loosely-couple classes

University of Louisville Campus Housing   August 2017 – March 2018
Information Technology Specialist   Louisville, KY
- Worked with a team to manage and troubleshoot corporate hardware and network peripherals within the campus dorms
- Helped conduct interviews for students wanting to become IT specialists for campus housing

ACTIVITIES/HONORS

Hobbies: High Power Rocketry, Tabletop Games, Robotics, Raspberry Pi, and Vintage Audio Systems
Ground Control Telemetry Systems Engineer, UofL's River City Rocketry Team (2018-2019 Season)
Practice Player, University of Louisville Women's NCAA D1 Volleyball Team (2017-2018, 2018-2019 Season)
President, University of Louisville Men's Volleyball Club (2017-2018, 2018-2019 Season)
National Champion, National Club Volleyball Foundation D1AA 1st Place (2017-2018 Season)
All-American Volleyball Player, University of Louisville Men's Volleyball Club (2016-2017 Season)
Founding Father, University of Louisville Volleyball Club (2015-2016 Season)