Zach Hannum

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EDUCATION

Bachelor of Science, Electrical Engineering
Bachelor of Science, Computer Engineering
North Carolina State University, expected June 2017
GPA 3.713

Relevant Coursework: Object-Oriented Programming (Java), Intro to Embedded Systems (C)

PROJECTS

Autonomous Remote Control Car   Spring 2016
North Carolina State University
- Created for Intro to Embedded Systems class
- Coded remote control and line-following behavior using IAR Embedded Workbench in C
- 3D Printed parts to improve black line tracking efficiency.
- Built Android control app in Android Studio

Audiobooks   Fall 2015 - Present
Android audiobook application
- Built completely in Android Studio
- Implemented services, layouts, custom ArrayLists, SQLite Databases, user preferences, Android Material Design, JSON Queries
- Used ACRA for crash reports and testing
- Hosted on Github: https://github.com/BestintheVerse/audiobooks

EXPERIENCE

Owner, Best in the Verse Cables   May 2014 - Present
Sole-proprietor of Best in the Verse Cables, selling bespoke audiophile headphone cables online
- Have generated $60,000 in revenue since opening
- Manage website, generating an average of 5,600 visits per month
- Handle customer service, assist clients with questions, special requests, etc.

Lifeguarding and Coaching position   Summers 2011 - 2014
Holly Tree Racquet Club, Wilmington, NC
- Assistant coach to over 80 kids, independently coaching practices
- Responsibility of lifeguarding pool and serving patrons
- Pool maintenance, working on pump and with pool chemicals

SKILLS

Languages & Software: C, Java, XML, LaTeX, Android Studio, Eclipse, MATLAB, GitHub, Arduino IDE, SQLite

Technical Skills: PCB soldering, breadboard circuit design, building PC's, building and operating 3D Printers

AWARDS

- 1st Place, NCSU Engineering Hovercraft competition   2013
- Dean's list   2013, 2014, 2015