Harrison Welch

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BRANDING STATEMENT

An intelligent, compassionate, persistent, and hardworking software engineer solving modern problems with unique, innovative, intuitive, and reliable methods to give the best possible experience to the client.

EDUCATION

Austin Peay State University   **Clarksville, TN**   **May 2019**
Bachelor of Science in Computer Science   *GPA: 3.8/4.0*
Minor: Mathematics
Relevant Courses:

- Web Development
- Mobile Development
- Software Engineering
- Compiler Design
- Computer hardware organization
- Computer Research and Development
- Calculus 1, 2, and 3
- Discrete Mathematics
- Algorithm Design and Analysis

WORK EXPERIENCE

APSU GIS Center,   **Clarksville, TN**   **October 2016 – Present**
Student Software Developer

- 2+ years' experience in Javascript and Python programming
- Built a Full-Stack mobile app using NativeScript designed to connect non-traditional students on a college campus
- Built a JavaScript application to view a map of Montgomery County where you can view local weather, current political officers, locations of sex offenders, and other various geographic datasets
- Built a Python application to build a Google Transit Feed for the Clarksville Transit System

Auburn University,   **Auburn, AL**   **May 2018 – July 2018**
Undergraduate Research Assistant

- Project Title: Celestial Navigation through Zenith Image Analysis
- Used tools such as the Python and JavaScript programming languages, computer vision, astronomy, photography, and UAS systems to develop a system for a drone to locate itself without the use of a GPS device.

Austin Peay State University,   **Clarksville, TN**   **May 2018 – Dec 2018**
PASS 0900 Peer Leader

- Meet with students on academic parole twice a week to teach them how to use campus resources
- Scheduled meeting times for the students to voice their questions in private
- Assisted in giving class presentations on numerous topics from Time Management to Mental Health

HONORS AND ACTIVITIES

APSU ACM Chapter Officer   **August 2017 – Present**

- President (Fall 2018 – Spring 2019)
- Rebuilt the club from the ground up
- Lead the chapter across the country to win numerous awards

APSU Habitat for Humanity Chapter Officer   **August 2016 – May 2018**

- President (Fall 2017 – Spring 2018)
- Treasurer (Fall 2016 – Sprint 2017)
- Volunteered numerous hours fixing up homes for lower income families

Dean's List   **August 2015 – May 2018**
Outstanding Student in Computer Science   **April 2019**
Candlelight Ball Scholarship
Phi Kappa Phi National Honor Society
Golden Key National Honor Society
VolHacks III Hackathon-Best Social Hack, Social Hack of the week