

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 <i>Bachelor of Science in Computer Science</i> Minor: Mathematics Relevant Courses: <ul style="list-style-type: none">• Web Development• Mobile Development• Software Engineering	Clarksville, TN <ul style="list-style-type: none">• Compiler Design• Computer hardware organization• Computer Research and Development	May 2019 <i>GPA: 3.8/4.0</i> <ul style="list-style-type: none">• Calculus 1, 2, and 3• Discrete Mathematics• Algorithm Design and Analysis
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WORK EXPERIENCE

APSU GIS Center, <i>Student Software Developer</i> <ul style="list-style-type: none">• 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	Clarksville, TN	October 2016 – Present
Auburn University, <i>Undergraduate Research Assistant</i> <ul style="list-style-type: none">• 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	Auburn, AL	May 2018 – July 2018
Austin Peay State University, <i>PASS 0900 Peer Leader</i> <ul style="list-style-type: none">• 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	Clarksville, TN	May 2018 – Dec 2018

HONORS AND ACTIVITIES

APSU ACM Chapter Officer <ul style="list-style-type: none">• President (Fall 2018 – Spring 2019)• Rebuilt the club from the ground up• Lead the chapter across the country to win numerous awards	August 2017 – May 2019
APSU Habitat for Humanity Chapter Officer <ul style="list-style-type: none">• President (Fall 2017 – Spring 2018)• Treasurer (Fall 2016 – Spring 2017)• Volunteered numerous hours fixing up homes for lower income families	August 2016 – May 2018
Dean's List Outstanding Student in Computer Science 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	August 2015 – May 2018 April 2019