

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

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| 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

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| APSU GIS Center, <i>Software Applications Engineer</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 student 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">• 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

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| APSU ACM Chapter Officer <ul style="list-style-type: none">• President (Fall 2018 – Spring 2019)• Rebuilt the club from the ground up• Managed events, communications, and meetings.• 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 – Sprint 2017)• Volunteered numerous hours fixing up homes for lower income families | August 2017 – May 2019 |
| Dean's List | August 2015 – May 2018 |
| Candlelight Ball Scholarship | August 2017 – May 2018 |
| Phi Kappa Phi National Honor Society | May 2017 – Present |
| Golden Key National Honor Society | May 2016 – Present |
| VolHacks III Hackathon-Best Social Hack, Social Hack of the week | |