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| Shay Green  642 Broad St S Monmouth, OR 97361 · 503 496 6072  sgreen18@mail.wou.edu · <https://www.linkedin.com/in/shariah-green-5b0915165/> |
| I am a senior computer science student with a love for creative problem solving. I am passionate about using technology to improve the real-world problems that consumers face in their daily lives. My experience is in full stack software engineering and machine learning. I aspire to improve my skills in artificial intelligence and the ethics and implications of intelligent systems in general while learning more about how to tailor innovative software solutions specifically to its user. |

# Experience

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| June 2019 – September 2019Software engineering and machine learning intern, intel Corporation Configured, trained, and troubleshot new TensorFlow machine learning models on datasets that were collected and tailored for the exact use-cases for my team at Intel. Employed transfer learning to assess precision and recall of my models and manipulate the learning rates, loss functions, and other configurations to improve metrics. Resulted in an improvement of up to 10% in team’s preexisting model precision and recall as well as the development of new models with equivalent metrics. |
| may 2018 – september 2018software engineering intern, Intel Corporation Designed and implemented a C# application that read, deserialized, parsed, and filtered test configuration data from an XML file. Created functionality to interface with performance testing automation as well as output specific test configuration specifications and a corresponding HTML output for display on internal web pages. September 2019 – currentComputer science division tutor, western oregon university General computer science course tutoring for CS 100-level to 300-level courses as well as working as a student grader for computer science courses. |

# Education

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| September 2018 - June 2020B.S COmputer Science, Western oregon universtiy Computer Science undergraduate student, expected graduation in June 2020. |
| August 2016 – may 2018Undergraduate – COmputer science, Occidental College Double major computer science and math undergraduate student. |

# Skills

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| * Strong work ethic and collaboration skills * Active problem solving and research abilities * Experience with web development using HTML, CSS, and JavaScript | * Proficient in C++, C#, Java, and Python * Experience using SQL and database design * Strong foundation in math and logic |

# Activities

Western Oregon Women’s basketball – Team Captain 2019-2020

Occidental College basketball – Team Captain 2017-2018

Western Oregon University Girl’s Who Code College Loops Club – Vice President

Code 2040 Fellowship 2018