Haley Hauptfeld

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OBJECTIVE: Full time entry-level Software Engineering position

EDUCATION:
Worcester Polytechnic Institute (WPI), Worcester, MA
Bachelor of Science in Computer Science, 3.33/4.0 GPA, May 2021
Related Coursework: Algorithms, Software Engineering, Human Computer Interactions, Introduction to Artificial Intelligence, Machine Learning, Object-Oriented Analysis and Design

RELEVANT EXPERIENCE:
Technology Development Intern, Optum, Boston, MA, June-August 2019
- Developed full-stack code on a team of interns and full-time employees
- Designed and programmed a user interface for an internal application using Angular 7
- Constructed serverless functions using Fn Project

Head Robotics Instructor, Camp Killoqua, Stanwood, WA, August 2018
- Designed and taught lessons to children (ages 10-12) about basic computer science and robotics using LEGO Mindstorm and EV3-G

SKILLS:
Programming Languages: Java, HTML/CSS, Javascript, Python, Matlab, C
Frameworks: Angular 7, React, Bootstrap
Applications/Libraries: Microsoft Word, Excel, Outlook, Powerpoint, Piktochart, Balsamiq, SemanticUI, PrimeNG, TensorFlow, Amazon Web Services (AWS), Visual Paradigm
Certification: Current Lifeguarding/ First Aid/ CPR/ AED

PROJECTS:
Action Classification, Machine Learning, WPI, October-December 2019
- Built eight different classifier models using Matlab in a team of two people
- Compared models for a given data set of actions performed in a series of experimental sessions

Decision Trees for Connect-Four, Introduction to Artificial Intelligence, WPI, August-October 2019
- Constructed multiple decision trees for several states of a Connect-Four board
- Implemented features in Java to increase the accuracy of a machine learning model

Meeting Scheduler Application, Software Engineering, WPI, October 2018-December 2018
- Developed a meeting scheduler using AWS on a team of four people
- Constructed the entire front-end using vanilla HTML/CSS, and JS

ADDITIONAL WORK AND VOLUNTEER EXPERIENCE:
Athletics Instructor, F.A.S.T. Athletics, Worcester, MA, September 2018-Present
Lifeguard, YMCA, Worcester, MA, September 2018-Present
Outdoor Education Instructor & Lifeguard, Camp Killoqua, Stanwood WA, May-August, 2018
Yale-New Haven Hospital Summer Volunteer, New Haven CT, June-August, 2014-2015

ACTIVITIES:
President, Promotion of Animal Welfare Society, WPI, August 2017-Present
Vice President and Co-Captain, Women's Ultimate Frisbee Team, WPI, August 2017-Present
Vice President, Women in Computer Science, WPI, January 2018-Present
Member, Association for Computing Machinery, WPI, August 2017-Present