JARED W. HOOD

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EDUCATION

University of Virginia, Charlottesville, Virginia
Bachelor of Science in Computer Science, Minor Engineering Business   **expected May 2021**
Computer Science GPA: 3.86; Overall GPA: 3.66

Courses included: Algorithms, Machine Learning, Program and Data Representation, Introduction to Cyber Security, Software Development Methods, Linear Algebra, Operating Systems, Artificial Intelligence

SKILLS

Python	C++	JavaScript
Git	Web Development	Go

PERSONAL PROJECTS

Hiking Path Finder (Python)   **May 2020**
* Calculated energy and time efficient hiking paths from starting point to destination.
* Implemented fast path finding algorithms using effective heuristics and optimal data structures.
* Tested algorithm on large, real elevation data sets provided by United States Geological Survey.

Road Trip Weather Indicator - UVA Hoo Hacks (Python, Google API)   **April 2019**
* Guided a team of two other people from conception to completion of the project.
* Utilized Google Maps and OpenWeather API's to determine the weather at each stage of a road trip.

WORK EXPERIENCE

Owner and Head Mechanic,   **August 2019 to Present**
Jared's Bike Repairs, Charlottesville, Virginia
* Started bike repair business in Charlottesville to capitalize on student bike market.
* Solve multiple technical repair problems for customers in timely manner.

Software Engineering Intern,   **May to August, 2020**
Yext, Washington, DC
* Developed full stack web sites using JavaScript, HTML, and CSS.
* Integrated customized client data into their websites for the production environment.
* Engineered and presented a slack application allowing users to easily create custom Jira items in Slack.

ACTIVITIES & HONORS

* **HooHacks Hackathon**, Team Leader, *April 2019*
* **Virginia Alpine Ski and Snowboard Team**, Social Chair, *August 2017- Present*
* **UVA Outdoors Club**, Trip Leader, *August 2017-Present*
* **Deans List**, *Fall 2017, Spring 2018, Fall 2018, Spring 2019, Fall 2019*
* **Phi Eta Sigma Honor Society**, Member, *March 2018-Present*
* **Eagle Scout**, *Fall 2016*