

# Joseph Henley Rock

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## Education

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### ***University of Virginia Class of 2022 | Charlottesville, VA***

- Major: Computer Science, Mathematics
- GPA: 3.775
- Relevant Coursework: Computer Programming, Data Science, Calculus

### ***Auburn High School | Rockford, IL***

- Salutatorian; GPA: 4.4524
- National AP Scholar designation

## Work Experience

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### ***Mauh-Nah-Tee-See Country Club | Cart Attendant***

**May 2018 – August 2019**

- Taught adolescents fundamental golf techniques, culminating in a final tournament where each child could play independently and see their progress
- Prepared golf carts and coordinated events for the country club

### ***Montel Technologies | Web Developer***

**May 2020 – Present**

- Developed web applications for surveillance technology
- Front end development using Vue.js and back end development using Node.js
- Created a Video Management System using the Google Maps API

## Projects

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### ***UVA Student Game Developers | Charlottesville, VA***

**September 2019 – December 2019**

- Made a video game using the game engine Unity and the programming language C#
- Part of the level design team in the sixteen-person group project

### ***Personal Website | joerock.dev***

**June 2020 – August 2020**

- Used Vue.js to create a personal website
- Used Cloudflare for domain name services and an AWS server to host website

### ***Blue 2 Red | blue2red.joerock.dev***

**June 2020 – July 2020**

- Created a game for fun, using Vue.js for front end and Node.js for back end
- Uses MongoDB to provide global leaderboards and an AWS server to host website

## Programming Languages & Software

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### ***Languages***

- Python (prior experience), Java (prior experience), Javascript (expert), Mathematica

### ***Software***

- Vue.js (expert), Node.js (prior experience)

## Community Service

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### ***ICNA Soup Kitchen | Rockford, IL***

**September 2018 – Present**

- Cook and serve food to impoverished people in Rockford
- Made long-lasting connections in the professional community

### ***Charlottesville Area Tree Stewards | Charlottesville, VA***

**September 2019 – Present**

- Take care of the local environment by removing invasive species