# BRIAN COOPER

*BS Computer Science, University of Minnesota*

✉ brian@brian-cooper.com

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## EXPERIENCE

**Interactive Visualization Designer**
University of Minnesota | June 2019 - Present

Develop interactive visualizations and games for lessons that teach STEM concepts using JavaScript and D3.js. Write Python scripts and code to augment the lessons. Integrate visualizations into Jupyter Notebooks with various UI/UX extensions and modifications. Create SVG components for use in lessons with Adobe Illustrator.

**Cash Control Team Lead**
Valleyfair Amusement Park | April 2018 - September 2018

Helped supervise the cash control team at Valleyfair. Balanced park vault and regulated employee cash bags. Maintained accounting spreadsheets for various park divisions. Performed daily cash recycler pickup and balanced checks sent to the park.

**Graphic Designer**
Colorado State University | September 2017 - March 2018

Created various visual media for Off-Campus Life at Colorado State University. Designed publications such as posters, brochures, and digital media in an effort to inform students and faculty about Off-Campus Life programs. Extensive use of Adobe Suite: particularly Photoshop, Illustrator, InDesign, and Premiere.

## EDUCATION

**University of Minnesota - BS Computer Science**
Fall 2018 - Fall 2019

- ICPC, ACM, Cryptocurrency Club

**Normandale Community College - AS Computer Science**
Fall 2016 - Spring 2018

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## SKILLS

- **Core:** Python, C++, C#, SQL, OpenGL
- **Web:** HTML, CSS, SASS, JavaScript, TypeScript, React, Redux, Django, WebGL
- **AI:** TensorFlow, Keras, scikit-learn
- **Software:** Photoshop, Illustrator, Premiere, InDesign, After Effects, Blender, Unity, Godot