# Bryan Plant

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## Education

**Montana State University, Bozeman, Montana**
- B.S. Computer Science (August 2015 - May 2019)
- GPA - 3.95 / 4.00 (Dean's List)

**Relevant Coursework**

- Data Structures I, II
- Software Engineering
- Software Engineering Applications
- Compilers
- System Administration
- Machine Learning
- Artificial Intelligence
- Simulation
- Databases
- Web Design

## Experience

**Software Engineering Intern**
*Workiva* - Bozeman, MT (May 2018 - Present)
- Develop scalable backend code to translate large amounts of information between data models in Wdesk, an enterprise cloud platform for data collaboration, reporting, and compliance.
- Improve performance by correcting errors, developing new features, and writing tests in Python and Java.
- Improve team productivity by quickly providing feedback through code reviews and QA.
- Gain experience in an agile development environment.
- Placed fourth in an intern competition to propose a new SaaS product and create a business proposal.

**Teaching Assistant**
*Montana State University* (August 2017 - Present)
- Courses: Joy and Beauty of Data (Python), Programming with C, and Web Design (HTML and CSS).
- Ensure students understand fundamental Computer Science concepts and are able to apply them to solve problems by reinforcing class lessons and answering questions.

## Technical Skills

**Languages**: Java, Python, Dart, HTML/CSS, C, Flutter

**Other**: Git, Docker, Mac OS, Windows, Agile Methodology

## Projects

**bryanplant.com**: Personal website created with HTML, CSS and Dart. Features a simulation in which rockets use a genetic algorithm to hit a target.

**flutter_rc**: An android app created with a GUI made with Flutter which invokes Java methods to communicate with an Arduino via bluetooth. It was used to precisely control an RC tank over a complex obstacle course.

**Github**: My school and personal projects can be found at github.com/bryanplant.