Justice "JJ" James

email: jj@j-james.me
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github: j-james

I like general mathematics, distributed systems, and Taylor Swift.

Education

University of British Columbia   *September 2021 - Present*
- Expected Major: Combined Mathematics and Computer Science
- Expected Graduation: April 2025

Skills

- **Experienced in:** Nim, HTML/CSS, Java, Linux, Git
- **Good at:** Python, Racket, Golang, Bash, SQL (injections), Spanish
- **Currently Learning:** C, Rust, JavaScript, TypeScript, Latin

Projects

- **athena**: performant and modular code for a competitive robot (written in Java)
  - GitHub: https://github.com/Spartronics4915/2020-InfiniteRecharge
- **static-slack**: a lightweight static site generator for Slack archives (written in Nim)
  - GitHub: https://github.com/j-james/static-slack
- **developers-handbook**: a guide for software development in FIRST robotics
  - GitHub: https://github.com/Spartronics4915/developers_handbook
- **covid**: tracking the COVID-19 outbreak along the West Coast (written in JavaScript)
  - GitHub: https://github.com/j-james/covid | Website: https://j-james.me/covid
- **advent-of-code**: aesthetic solutions to yearly programming puzzles (written in Python)
  - GitHub: https://github.com/j-james/aoc

Experience

High School

FIRST Robotics (Spartronics 4915: https://spartronics4915.com)   *September 2017 - June 2021*
- Programmer (September 2017 - June 2021)
- Leadership Member (June 2018 - June 2021)
- Programming Lead (June 2019 - June 2021)
- Team Captain (June 2019 - June 2021)

Bainbridge Roller Hockey League (BRHL: https://bihockey.org/)   *Summer 2011 - Summer 2021*
- Assistant Coach (Summer 2017 - Summer 2019)
- Referee (Summer 2018 - Summer 2021)

University

UBC CTF (Maple Bacon: https://ubcctf.github.io)   *September 2021 - Present*
- Capture the Flag (CTFs): competitive cybersecurity challenges
- #1 team in Canada
- Helped run and create challenges for MapleCTF, our own CTF

UBC Bionics (BEAR UBC: https://ubcbionics.com/)   *September 2021 - Present*
- UBC Bionics: engineering design team building a bionic arm
- Embedded Programmer

Awards

- National Honor Society member (2017 - 2021)
- National Merit Scholarship Semifinalist (2019)
- Presidential Volunteer Service Award Program (Bronze, 2019)
- Dean's List Semi-Finalist for FRC (2020)
- Washington State Honors (2021)
- SAT Score: 1570/1600
- ACT Score: 35/36