# CHASE KING

Student at the University of Washington

I am a curious and self-motivated college sophomore studying computer science and applied mathematics. I believe technology is used to its fullest potential when it builds strong communities and inspires people to achieve their own goals. Seeking a Summer 2020 internship for software engineering, data analytics, or machine learning.

## TECHNOLOGIES

- ✦✦✦✦✦ Java, JavaScript, HTML/CSS
- ✦✦✦✦✧ Python, React, NodeJS, Git, LaTeX
- ✦✦✦✧✧ MongoDB, Redis, PHP

## ATHLETICS / ACTIVITIES

**Audi Cycling Team (Kryki Sports sponsored by Audi Bellevue)**
*Sep 2018 - Present*

- Race in Pro/Category 1/Category 2 USA Cycling races in the Pacific Northwest and on the West Coast.
- Connect and engage with teammates, many of whom work at companies including Microsoft, Amazon, and T-Mobile.

**Husky Cycling Club**, *Admin/Officer*

- Lead weekly group rides students and help foster a community of cycling enthusiasts with diverse backgrounds and interests.
- Help organize UW collegiate race weekend (permits, travel, housing)
- Spring race weekends with other PNW universities.

**Machines Who Learn** *Sep 2018 - Present*

- UW reading group discussing ML and AI research papers.

## CONTACT

- Web: chaseking.me
- Email: chasek22@uw.edu
- Github: @chaseking
- LinkedIn: in/chase-king
- Strava: athletes/chaseking

*(References available upon request.)*

## EDUCATION

**University of Washington**          *Sep 2018 - Present*
GPA: 3.90 / 4.0          *Graduation expected June 2022*

- B.S. CS (Paul G. Allen School of Computer Science & Engineering)
- B.S. ACMS (Applied & Computational Mathematical Sciences: Data Sciences & Statistics)
- Relevant Coursework: Honors Multivariable Calculus, Machine Learning, AI, Algorithms, Optimization

## WORK EXPERIENCE / PROJECTS

**Web Development Intern (Marin Academy)**          *2017 - 2018*

- Wrote and designed a front- and backend responsive web application for a campus communication system known as the daily bulletin.
- Built a touchscreen kiosk application for student sign-outs and guest registration.
- Rolled out custom digital signage on TV monitors in cafeteria and new science building.
- Created mobile site for outings program catalog.
- Taught students/faculty how to use maintain systems I developed.
- Tools and technologies used include: HTML/CSS, PHP, NodeJS, React, WordPress, Google APIs, Raspberry Pi.

**Freelance Software Development**          *2012 - Present*

- Develop personalized web applications for clients.
- Utilized TensorFlow to train a model for detecting cheating players on Minecraft multiplayer game servers

**HuddleMC, LLC**, *Co-Founder, Lead Developer*          *2014 - 2016*

- Designed and developed a Minecraft minigame server hosting thousands of unique players weekly.
- Implemented backend architecture allowing for seamless cross-communication between multiple dedicated servers and dynamic node allocation (based on minigame demand).
- Developed a web panel for server status and management
- Tools and technologies used include: Java, MongoDB, Redis, HTML/CSS, JavaScript, Python.

**FrozenOrb, LLC**, *Java Developer*          *2013 - 2016*

- Used profiling tools to develop highly-optimized Java code for multiplayer Minecraft servers, improving free memory by over 40%.
- Helped with dedicated server management, ensuring seamless uptime.
- Reached an audience of over 100,000 players weekly.