

Kai McCormick

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Software engineering student with a passion for building reliable, secure, and performant software

EDUCATION

Bellevue College

Bachelor of Science in Computer Science, 3.7 GPA

Seattle, WA

Aug. 2023 – Jun. 2027

EXPERIENCE

Computer Science Student

Bellevue College

Aug. 2025 – Present

Seattle, WA

- Helped organize the Think City hackathon which lead to hundreds more students learning more about developing IoT projects across the Seattle area
- Increased CS student satisfaction by 20% by gathering feedback/data through my role in the CS Advisory Board

STEM Teacher

Xtatic

Aug. 2025 – Present

Seattle, WA

- Built FIRST robotics to compete in national competitions as part of a fast-paced, collaborative environment
- Taught diverse K-12 students and adapted curriculum to support different backgrounds and learning needs
- Documented curriculum standards with other King County teachers, improving learning across 5+ courses

Software Engineer

Idolfest Foundation

Jul. 2023 – Nov. 2023

Seattle, WA

- Improved a Gatsby.js website speed by 60%, by switching to faster servers and caching state
- Fixed dozens of bugs across the website by introducing unit testing and updating packages for the site

Software Engineer

ThetaHacks

May 2019 – July 2022

San Jose, CA

- Built Minecraft server infrastructure supporting 300+ concurrent players through efficient AWS usage
- Developed the website used for the event that led to over 500 signups in a few months
- Made workshops for 500+ participants with industry professionals to further CS education across the globe

PROJECTS

BobaPal | *React Native, Unit Tests, iOS, AWS, Android, CI/CD*

github.com/kaidevrim/bobapal

- Built a mobile app used by 100+ people to track and organize their boba drinks
- Implemented secure authentication using AWS Amplify and S3 storage so users can save their drinks
- Added unit tests and CI checks with 90% coverage to make development faster and safer

Mini Database Engine | *C++, Git, GitHub Actions*

github.com/CompSciBC/minidatabase-KaiDevrim

- Built a database engine using Binary Search Trees for insert, soft-delete, and find to query large datasets efficiently
- Designed data structures and algorithms to store over 1,000 records with fast indexed access
- Configured a GitHub Actions pipeline running 17 automated tests per commit to validate all operations

StarItAll | *Go, C#, ASP.NET, AWS, Chef, Docker, Kubernetes, CI/CD*

github.com/kaidevrim/StarItAll

- Created a tool to automate starring for 100+ GitHub repositories to boost user engagement
- Built a full-stack web app deployed on AWS with a Go backend and secure authentication using GitHub APIs
- Implemented logging and analytics to track usage, informing feature iterations and reliability improvements

Home Server | *Cloudflare, Docker, Terraform, Distributed Systems, GitHub Actions, CI/CD, Traefik*

dash.dvr.im

- Managed 28TB redundant storage and containerized infrastructure supporting over 30 concurrent streams
- Automated infrastructure provisioning and updates using Ansible and Terraform
- Monitored server health with Grafana and Prometheus and improved reliability using Kubernetes load balancing

TECHNICAL SKILLS

Languages: Python, Kotlin, C, C++, Go, C#, JavaScript/TypeScript, Bash, SQL

Cloud: Ansible, Terraform, Kubernetes, Docker, AWS, Unix/Linux, Azure, TCP/IP

Developer Tools: AI/ML, LLMs, TensorFlow, Databases, Unit Tests, NextJS, DS&A, Git, GitHub Actions, CI/CD