




David Kang

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Skills

> Programming Languages

Competent: Python, Java, HTML, CSS (/SCSS) || Some experience: C, C++, Javascript, Android

> Frameworks

LibGDX, React.js, Bootstrap, Foundation, etc.

> Graphic Design

Adobe Creative Suite (Illustrator, Photoshop, After Effects, Premiere Pro)

Projects

> Plan Me

MHacks 8

- Intelligent calendar based on personal priorities determined using pseudo-machine learning
- Built using React.js, Javascript (backend), and Firebase

> Bepple

Course Final Project (SE101)

- A suite of multiple “applications” on the Tiva Launchpad C Board + Orbit Booster Pack platform that turns the hardware into a “smartwatch” using the full set of I/O available
- Written in C and C++

> Inverzion

Personal Project

- Fast-paced 2D platformer game: flip the sprite’s color to match the platforms and survive
- Built with Java using LibGDX framework and Box2D physics engine
- Original assets and audio (Adobe Illustrator and FL Studio)

Additional Experience

> IRHS DECA Chapter Director of IT

- Initiated and maintained the Iroquois Ridge High School DECA chapter website
- Directed registration process and group study meeting sessions

> Ridge 360 Planning Committee

- Organized first-ever schoolwide conference “Ridge 360” on the topics of Mental Health, Global Citizenship, and Leadership
- Directed and managed registration for 1500 students/40 workshops using Google Script

> Hack the North Volunteer

- Assisted A/V setup/teardown as well as judging procedures

Education

> University of Waterloo

Bachelor of Software Engineering, Class of 2021(Expected)

> Iroquois Ridge High School

Class of 2016, Halton Proficiency Award

Other Activities

> Music

- A Cappella: Member of The Water Boys, UW’s all-male auditioned group (ICCA Qualifier)
- IRHS Concert Band Clarinet Section Leader

> Avid Tech Enthusiast

- Former editor-in-chief of tech blog *Inverted Tech Analysis* in a team of 4 (2013 ~ 2015)