

Kai Schmidt

Software Engineer

Citrus Heights, CA

-Email me on Indeed: <http://www.indeed.com/r/Kai-Schmidt/de3d6dd59c28f008>

I am a software engineer looking for a position in systems or embedded development. I work well in a team or alone and thrive when given creative freedom.

Authorized to work in the US for any employer

Work Experience

Software Engineer

Construction Innovations - Rancho Cordova, CA

December 2020 to Present

- Helped design and implement a software solution for the automation of solar field construction design and detailing
- Designed several graph algorithms for electrical routing and analysis
- Wrote several automation tools for Autodesk Revit
- Created a toolbox of automation utilities for SolidWorks
- Created a 3D catalog of manufacturable assemblies

Independent Game Developer

August 2020 to Present

Kasi, available on Steam

- Designed and developed a plant simulation game from scratch
- Created custom lighting, animation, and audio engines
- Manage Steam store and community pages
- 95% positive reviews

Lead Software Engineer

Delucchi Electric - Santa Clara, CA

January 2017 to October 2019

Wrote collaborative electrical design CAD software

- Wrote in-house software for streamlining prefabrication process
- Wrote code to manage robotic systems in real time
- Integrated multiple robotic faculties including navigation and object recognition
- Developed creative solutions to robot spatial and navigation problems

Networking and Research Development Intern

Fishbooks Pro - San Juan Capistrano, CA

June 2015 to August 2015

Wrote code to test software documentation

- Updated company hardware and helped network office
- Tested cloud based programs for inventory management

Education

Bachelor's Degree in Computer Science and Engineering

Santa Clara University - Santa Clara, CA

2014 to 2018

Skills

- Software engineering
- C++
- Database design
- Git
- C
- Rust (5 years)
- GitHub
- C# (1 year)
- Visual Basic (1 year)

Links

<http://github.com/kaikalii>

<https://store.steampowered.com/app/1406690/Kasi/>

Assessments

Logic & critical thinking — Expert

February 2020

Using logic to solve problems.

Full results: [Expert](#)

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.

Additional Information

Skills

- Skilled in Rust, C#, C, and C++ programming languages
- Educated in Information Storage, Web Infrastructure, database design, and general Software Engineering
- Experience with Artificial Neural Networks
- Knowledge of vector math and 2D geometric computation
- Musician - Piano, Guitar