Seon O'Shannon

Software Engineer

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- 📍 Reno, NV
- 🌐 https://eons.llc
- 📅 Born: 1996

About me

Despite being self-taught, programming is so in-line to my way of thinking that people have often considered me a robot; sometimes an alien. I revel in complexity and always love that feeling of ignorance, and the subsequent emotion that comes with understanding. I'm up for any challenge and will take any opportunity to leave this world better than I found it.

Skills

C++

Python

Cloud Architecture

Embedded Systems

Linux

Windows

Android

security
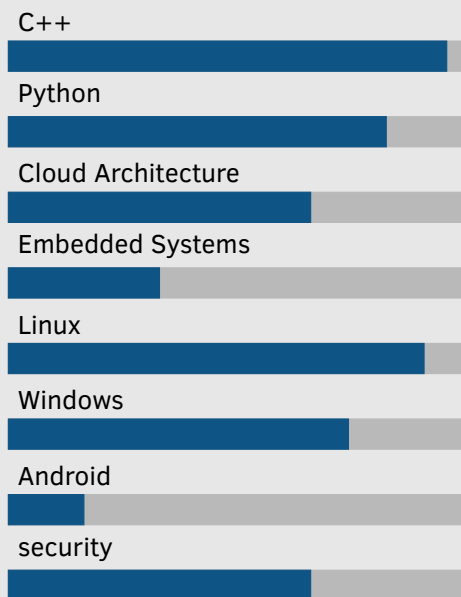
Hacker⋆ Scientist⋆ Manager⋆

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Interests

I'm interested in working on any difficult problems and learning as much as I can. Generally, this includes any kind of engineering and theory of biology through math.

Projects

2020	**Web Infrastructure**	https://web.infrastructure.tech/architecture/

Globally distributed Kubernetes cluster & auto-managed WordPress.

2021	**eons basic build system**	https://github.com/eons-dev/bin_ebbs

Extensible build system for any language and process, all in python.

2022	**Mood Recorder**	https://moodrecorder.org

App for improving emotional wellness.

soon	**Biology**	https://github.com/develop-biology

Open source graphical processing.

Experience

2015-2019 Co-founder and Software Engineer for Brain2Bot Reno, NV
Brain2Bot took advantage of novel neuroscience to create a software platform for building brains. We worked on everything from robot pets to video game characters running on Android. The software was all C++ and included a cross-platform gui in Qt.

2016-2018 Secretary & Performer for the Reno Video Game Symphony Reno, NV
Designed & implemented organization management logic in the form of a constitution. Filed and was approved for 501(c)(3) status with the IRS. I also played bassoon for the group for many years.

2017-2021 Research Associate for ZeaKal Reno, NV
ZeaKal is a biotech company focused on refining & implementing novel genes into various crops for the purpose of feeding the world as climates change. I worked or advised on nearly all parts of the engineering pipeline, including: designing DNA sequences, transforming plants, growing & caring for plants, repairing & maintaining growth chambers & greenhouses, pest management, tissue sample preparation, and analysis of samples both experimentally and computationally.

2021-now Founder & CEO of eons LLC Reno, NV
I created eons LLC to be a tech company positioned between science and consumers. We focus on accessibility and user engagement as well as on sustainable designs that automate away maintenance and give our clients more time to spend on their content. By capturing emerging technologies, my team and I have been able to facilitate an array of science-delivery projects and bring new advancements to the public.

Education

2013-2017 B.S. Biochemistry & Molecular Biology University of Nevada, Reno
Wrote thesis: "Overexpression of DGAT1 and Modified Cysteine Soy Oleosin Increases Oil Content in the Green Tissue of *Arabidopsis thaliana*", also earned a minor in mathematics.
GPA: 3.402

Achievements

2014 Eagle Scout of the Boy Scouts of America

Other information

Get the latest version of this resume at https://github.com/eons44/doc_resume

References are available upon request (they will not be stored on the public repo).