Seon O'Shannon

Hacker | Scientist | Manager

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📍 Reno, NV

🌐 https://eons.llc

📅 Born: 1996

About me

Despite being self-taught, I revel in complexity and have always found programming to be in-line with my way of thinking. I love the feeling of ignorance, especially when followed by understanding. I'm up for any challenge and will take any opportunity to leave this world better than I found it.

Skills

C++ (great)

Python (from __future__ import braces)

Cloud Architecture (cool & good)

Embedded Systems (with effort)

Linux (even when it doesn't work)

Windows (it got better!)

Android (root plz)

Version Control + CI/CD (I git it)

Security (not paranoid enough)

Experiment Design & Debugging (

(*)[The skill scale represents confidence over perceived possible growth]

Latest

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).

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 for C++98 and beyond.

Experience

2014-2015 Student Worker   University of Nevada, Reno

For my first job, I wrote: a fax & electronic document workflow software in Batch & Powershell; a FAFSA calculator for undocumented students to receive financial aid, by hand, on my phone, with modified equations, a backend in PHP, and a JS front end; and other scripts to improve office-wide performance.

2015-2019 Co-founder and Software Engineer   Brain2Bot

Brain2Bot leveraged novel neuroscience into a software platform for building brains. We worked on everything from robot pets to Unreal games for mobile. The software was all C++ and included a cross-platform gui in Qt.

2016-2018 Secretary, Director, & Performer   Reno Video Game Symphony

Designed & implemented business logic in the form of a constitution. Filed and was approved for 501(c)(3) status with the IRS. I was also the group's resident bassoonist for many years.

2017-2021 Research Associate   Zeakal

ZeaKal aims to use its patented genes to feed the world as climates change. I worked or advised on nearly all parts of the genetic engineering pipeline, including: designing DNA, transforming & growing plants, repairing & maintaining growth chambers & greenhouses, pest management, tissue sample preparation, and analysis of samples both experimentally and computationally.

2020-now Founder & CEO   eons LLC

I created eons LLC to facilitate communication between researchers and the public. My team and I create sustainable scaffolds from emerging technologies and help bring new discoveries to the world.

2021-now CTO   AOE Greens

AOE Greens promises to be the future of farmland. By utilizing innovations across disciplines, AOE Greens is positioned to build the best of tech, agriculture, and cutting-edge science.

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