








Seon O'Shannon

Developer | Scientist | Manager

 seon@eons.llc
 +1 (775) 354-4343
 Reno, NV
 <https://eons.llc>
 Born: 1996

About me

From biotechnology to AI from scratch to cloud-based website development, my breadth of experience allows me to easily cross disciplines and move ideas from theory into practice. I'm up for any challenge and will take any opportunity to leave this world better than I found it.

Skills

Leadership



C++



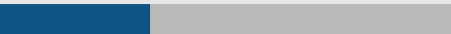
Python



Cloud Architecture



Embedded Systems



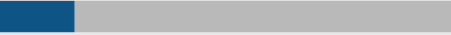
Linux



Windows



Android



Version Control + CI/CD



Security



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-now **Web Infrastructure** <https://web.infrastructure.tech/architecture/>
Globally distributed Kubernetes cluster & auto-managed WordPress.
- 2021-now **Eons Basic Build System** https://github.com/eons-dev/bin_ebbs
Extensible build system for any language and process, all in Python.
- 2021-2022 **Mood Recorder** <https://moodrecorder.org>
Progressive Web App for improving emotional health.
- current **Develop Biology** <https://develop.bio>
Open source, backwards compatible, recursive hypergraph with reflection and a frontend as my own programming language.

Experience

- 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.
- 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** [Boy Scouts of America](#)
Eagle scout project was painting a map of the United States at Virginia Palmer Elementary School.
- 2016 **Secretary & Director** [Reno Video Game Symphony](#)
Designed & implemented a constitution for the Reno Video Game Symphony to become a 501(c)(3) nonprofit.