

Derek Strasters

{Software_Engineer}

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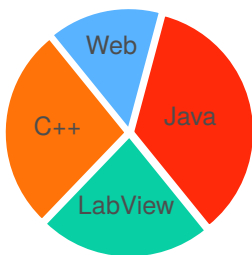
Web & Git

paracite.org
github.org/
thehumanparacite

Address

226 E. Kelsey Ave.
84111 SLC, Utah

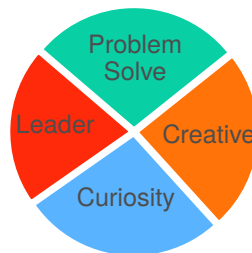
Programming



OS Preference

Linux ★★★★★
Windows ★★★★★
MacOS ★★★★★

Personal Skills



Experience

- 11/14 - [now] **Senior Developer & Co-Founder** **SnickMedia Inc.**
•Lead developer of Android app, **SnickMedia**, a socially driven image sharing app
•Heavy use of **OAuth** integration for sharing on other social media networks
- 03/13 - 07/15 **Mechanical Engineer Tech.** **BioFire Diagnostics**
Programmed and managed the CNC controlled machining center.
Integral role in creating company **coding guidelines** for PLC unit programming.
Design of medical device systems involving high vacuum, heat, and motion.
- 12/09 - 06/09 **Solid State Research** **University of Utah**
Developed robust data **acquisition** software.
Designed electronics and circuitry for data acquisition instrumentation.
Developed specialized data **analysis** software.
Experience with electron microscopy and E-beam lithography.
Emphasis of research was on organic semiconductors.

Achievements

- 2015 **Neural Net Framework** **Personal**
Highly customizable **neural network** written in C++ 98. What started as a school project has led to this, my personal favorite creation. The code is available for review in my **git repository** and will compile on most standard Linux distributions.
- 2012 **Android** **Symbol Buddy**
Developed study aid for students of Physics and Math.
Found on Google Play under the name **Symbol Buddy**.
- 2014 **Certified SolidWorks Professional** **DS SolidWorks Corp.**
Certification done through Dassault's official on-line testing programme.
Certificate may be viewed using ID number **c-tmhzwetlwy**.

Education

- 2010 - now **Bachelors in Physics (in progress)** **University of Utah**
[only 4 credit hours remain from completion]
Areas of Strength: Electronics, Computational Physics, and Data Acquisition
Highly experienced in research lab setting (see above).
Head of Lab Group: Prof. Andrey Rogachev of University of Utah