

# Marcus McCurdy

marcus.mccurdy@gmail.com  
github.com/volker48

• +1714-791-8345

• [www.linkedin.com/in/marcusmccurdy](http://www.linkedin.com/in/marcusmccurdy)

240 Montrose ST • Philadelphia, PA 19147 •

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## Experience

### Drexel University

PHILADELPHIA, PENNSYLVANIA

#### Research Engineer

Jun'09 – Present

- Technical lead on a US Army funded Android development project. Assessing the feasibility of and implementing agent based networking applications. Also created scenarios for testing and evaluation of networking protocols and performed the evaluations.
- Led a small team in the design and implementation of a distributed collaborative battle command planning system for the US army. Oversaw and mentored junior developers during the project while working closely with the lead system integrator to deliver a premium product.

### NSWC PHD

PORT HUENEME, CALIFORNIA

#### Combat System Engineer

Jul'07 – Jun'09

Responsible for installation and configuration of remote assistance systems on US Navy cruisers and destroyers. Remote system saved time and money by allowing shore based experts to provide remote support to sailors both at sea and when docked.

### Geeksquad

WESTMINSTER, CALIFORNIA

#### IT Consultant

Nov'09 – Dec'09

One of the first agents when Best Buy acquired Geeksquad. Helped roll-out processes and procedures to the entire company.

*Please refer to my [Linkedin profile](#) for the complete list of work experiences.*

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## Education

### Drexel University

PHILADELPHIA, PENNSYLVANIA

#### Masters degree in Computer Science

2009 – 2012

Focused on Artificial Intelligence and data structures and algorithms.

### California State University at Long Beach

LONG BEACH, CALIFORNIA

#### Bachelor degree in Computer Engineering

2001 – 2007

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## Skills

**Technical specialties:** Software design and implementation, with(in) a team. I love Ruby/Python/Java/C++ and flirt regularly with Haskell. Solid knowledge of web technologies: HTML+CSS, XML, RDF, REST, SOAP and JavaScript (mainly jQuery). Linux administration skills: bash, Apache, MySQL, PostgreSQL, virtualization/cloud (OpenVZ, VMware, KVM, Xen and EC2), datacenter automation (Puppet and Chef), continuous integration (Hudson/Jenkins). Experienced with SCM including SVN, git, and mercurial.

**Natural languages:** English (*native*), German (limited).

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## Interests

**Non-exhaustive and in alphabetical order:** Biking, cooking, hiking, Olympic lifting, running