

# Brock Donovan

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## EDUCATION

**University of Illinois Champaign-Urbana**

B.S. Electrical Engineering May 2008

**University of Liverpool**

Study Abroad Sept. 2007 – Jan. 2008

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## EXPERIENCE

**University of Illinois at Chicago**

*PhD coursework - Bioinformatics*

2012 – 2013

- Completed one-year post-graduate coursework in statistical data analysis with a cumulative GPA of 3.5.

*Graduate appointment UIC - School of Public Health*

June 2013 – August 2013

- Performed medical trial data analysis using R.

*Teaching assistant Bio-statistics & Bioinstrumentation Laboratory*

2012 – 2013

- Create homework and exams, grade exams, hold office hours and review sessions.

**Motorola (Enterprise Mobility Solutions) – Senior System Engineer**

2008 – 2012

*Overview*

- Design, coordinate, and implement software and hardware updates to live, mission critical radio systems across the US and abroad. Lead interdisciplinary teams of 5 – 30 people.

*Responsibilities*

- Install and configure: UNIX, Linux, Windows servers and workstations. Trouble shoot network, hardware and software issues. Configure TCP/IPv4 networks. Train team on new releases.
- Lead product-testing team for new software release. Created testing schedule, ran meetings, logged defects, and coordinated resolutions with development teams. Created and held training session for other engineers, managers, and field support teams.

*Achievements*

- Ranked in top 10% of Motorola every year of employment.
- Promoted to Senior engineer after only one year

**WPGU 107.1 - Director of Engineering**

2006 – 2007

- Managed team of 12 student engineers. Ran weekly meetings, made department budget, interviewed and hired new employees, developed engineer projects to improve station.

**Netmath at UIUC - Differential Equations Mentor**

May 2006 - September 2006

- Grade homework, proctor exam, hold office hours

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## SKILLS

**Operating systems:** UNIX, Linux, OSX, Windows

**Programming:** Experience with: R, Perl, HTML, CSS.

Limited experience with Ruby on Rails, python, JS, SQL

**Programs:** Microsoft Office, VMware, Wireshark

**Certifications:** Network +