

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

University of Illinois at Chicago

1 Year PhD coursework in Bioinformatics 2012 – 2013

EXPERIENCE

Organizing for Action - Analytics Engineer

October 2013 – Present

- OFA is one of the nations largest political non-profits with millions of email subscribers and social network followers. Run www.barackobama.com and associated email list.
- Automate daily reporting using Python, R, MySQL, PostgreSQL.
- Data management, web A/B testing site optimization, Guide email and social team with data insights.

Geeks without Borders Hackathon

- Worked with a team of 10 technical and non-technical participants to create a uniformed platform for the Greater Red Cross of Chicago to house volunteer dispatching and disaster information.

UIC

Graduate appointment UIC - School of Public Health

June 2013 – August 2013

- Performed medical trial data analysis (clustering, GEE) 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.

Responsibilities

- Install and configure: UNIX, Linux, Windows servers and workstations. Trouble shoot network, hardware and software issues. Configure TCP/IPv4 networks.
- 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

SKILLS

Programming: Python, R, Perl, Bash. Limited experience with JavaScript, HTML, CSS

Certifications: Network +