

JEREMY L. RUBIN

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<https://github.com/JeremyRubin>

(805)-280-8095

EDUCATION

Massachusetts Institute of Technology (MIT)

Cambridge, MA

Bachelor of Science in Electrical Engineering and Computer Science

June 2016

With humanities concentration in Comparative Media Studies.

GPA 4.5/5.0

Phillips Exeter Academy

Exeter, NH

GPA 9.64/11.0

June 2012

University of California Santa Barbara

Santa Barbara, CA

GPA 4.0/4.0

Research Mentorship Program 2010

EXPERIENCE

Nokia

Sunnyvale, CA

Engineering Intern

Summer 2013

- Data mining and machine learning under Taneli Mielikinen with the Emerging Platforms group.
- Hardware and software prototyping under Kent Lyons' and Sean White's Interaction Ecologies group.
- Operated as product manager and embedded system engineer designing and building a Barbot with the Nokia Sunnyvale interns as a part of the Advanced Engineering group.

MIT Media Lab Viral Spaces

Cambridge, MA

Undergraduate Researcher

June 2011 to Present

- Developing Graffiti Codes, mobile app for encoding messages to drawings via graffiti gestures.
- Developed video playback support to Junkyard Jumbotron: web app for linking internet-enabled devices together as one screen, like in sports stadium.

Azapa: Electric Motorcycles

Software Engineering Intern

Summer 2012

- Wrote a simulated annealing algorithm using Ruby which optimizes battery pack layout by minimizing parallel internal resistance variation.

RELEVANT SKILLS & COURSEWORK

Web Dev. – *JavaScript, CSS, HTML5, jQuery, Bootstrap, Tornado, beego, Rails, node.js, MongoDB, nginx*

Embedded Systems – *Arduino, Raspberry Pi*

Languages – *Python, Java, Go, Ruby, Julia, C++/C*

Native Mobile – *Backend Android*

Introduction to Algorithms – *6.006**

Elements of Software Construction – *6.005**

Introduction to EECS II – *6.02**

Linear Algebra – *18.06**

Introduction to EECS I – *6.01*

Mathematics for Computer Science – *6.042*

Electricity and Magnetism – *8.022, hard version*

Mobile Technology – *21W.789*

MIT Pokerbots Competition – *6.S912*

Web Programming Competition – *6.470*

* denotes current coursework

AWARDS

MIT Pokerbots Competition

January 2013

2nd place in MIT's artificial intelligence poker tournament new team bracket.

LINKS

GitHub – <https://github.com/JeremyRubin>

Graffiti Codes Article – <http://bit.ly/11kaZBE>

LinkedIn – <http://www.linkedin.com/in/jeremyrubin>

Junkyard Jumbotron – <http://bit.ly/16fmPzo>

Personal Website – <http://RubinTe.ch>

OTHER ACTIVITIES

MIT TechX/Techfair – *HackMIT Dev. Ops.*

Unicycling, Road Cycling, Longboarding

Phi Kappa Theta Fraternity – *Brother*

Photography

MIT Varsity Squash 2013 Season