

JEREMY L. RUBIN

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<https://github.com/JeremyRubin>

(805)-280-8095

EDUCATION

Massachusetts Institute of Technology (MIT)

Bachelor of Science in Electrical Engineering and Computer Science

With humanities concentration in Comparative Media Studies

GPA 4.5/5.0

Cambridge, MA

June 2016

Phillips Exeter Academy

Exeter, NH

UCSB

Santa Barbara, CA

GPA 9.64/11.0

June 2012

GPA 4.0/4.0

R.M.P. 2010

EXPERIENCE

MIT Bitcoin Project

Technical Director

Cambridge, MA

March 2014 to Present

- Created and ran an initiative which gave every MIT undergrad \$100 in Bitcoin

Tidbit

Founder

Boston, MA

November 2013 to Present

- Developed a platform to monetize without ads with cryptocurrencies like Bitcoin

Jane Street Capital

New York, NY

Software Development Intern

January 2014

- Implemented in OCaml an Atlassian Jira plugin for command line access with Kerberos authentication

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 June 2013

- Developed Graffiti Codes, mobile app for encoding messages to drawings via graffiti gestures
- Implemented video playback support on Junkyard Jumbotron: web app for linking internet-enabled devices together as one screen

Azapa: Electric Motorcycles

Software Engineering Intern

Summer 2012

- Wrote a simulated annealing algorithm to optimize battery pack layout by minimizing variance

PUBLICATIONS & PRESENTATIONS

What the #?!* is Bitcoin?

TEDxBeaconStreet 2014

Loupe: a handheld near-eye display

UIST 2014

Proceedings of the 27th annual ACM symposium on User interface software and technology

October 6, 2014

AWARDS

Node Knockout 2013

Most innovative award for Tidbit

MIT Pokerbots Competition 2013

2nd place in artificial intelligence poker tournament new team bracket

RELEVANT SKILLS & COURSEWORK

Languages – *Python, Java, Go, C/C++, Assembly, Haskell, OCaml, JavaScript, Ruby, Julia, Pig/Hadoop*

Embedded Systems/Mobile – *8051-Family, PSOC, Arduino, Raspberry Pi, Android*

Web Dev. – *CSS, HTML5, jQuery, Bootstrap, Yesod, Tornado, beego, Rails, node.js, SQL/NoSQL, nginx*

Computer Systems Security – *6.858*

Constructive Computer Architecture – *6.175*

Operating System Engineering – *6.828*

Game Theory and Social Behavior – *14.11*

Microcomputer Project Lab – *6.115*

Computation Structures – *6.004*

Introduction to Algorithms – *6.006*

Introduction to Machine Learning – *6.036*

Introduction to EECS I & II – *6.01 & 6.02*

Elements of Software Construction – *6.005*

Electricity and Magnetism – *8.022, hard version*

Linear Algebra – *18.06*

MIT Pokerbots Competition – *6.S912*

Mathematics for Computer Science – *6.042*

Reddit Machine Learning Ind. Study – *CMS.603*

Mobile Technology – *21W.789*

Media Systems & Texts TA – *CMS.400*

Web Programming Competition – *6.470*

MEDIA & LINKS

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

Twitter – <https://twitter.com/jeremyrubin>

Keybase – <https://keybase.io/jeremyrubin>

Web – <http://rubin.io>

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

OTHER ACTIVITIES

Phi Kappa Theta Fraternity – *Brother*

MIT TechX/Techfair – *HackMIT Dev. 2013-2014*

MIT Varsity Squash *2013 Season*

MIT Bitcoin Project – <http://mitbitcoinproject.org>

Loupe – <http://dl.acm.org/citation.cfm?id=2647361>

Tidbit – <http://bit.ly/1tqjx87>

Pizza Predictor – <http://randomacts.media.mit.edu>

Barbot – <http://500sw.github.io/intro>

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

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

**Longboarding, Unicycling, Road Cycling
Photography**