Jeremy L. Rubin

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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 4.3/5.0

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

Tidbit   Boston, MA
Founder   *November 2013 to Present*
− Developing 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 to the remote APIs 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. Paper submitted for CHI 2014.
− 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 to optimize battery pack layout by minimizing variance.

RELEVANT SKILLS & COURSEWORK

Web Dev. – *JavaScript, CSS, HTML5, jQuery, Bootstrap, Tornado, beego, Rails, node.js, MongoDB, nginx*
Embedded Systems/Mobile – *Arduino, Raspberry Pi, Android*
Languages – *Python, Java, Go, OCaml, Ruby, Julia, Pig/Hadoop, C++/C*

Introduction to Algorithms – *6.006*	**Elements of Software Construction** – *6.005*
Introduction to EECS I & II – *6.01 & 6.02*	**Linear Algebra** – *18.06*
Electricity and Magnetism – *8.022, hard version*	**Mathematics for Computer Science** – *6.042*
MIT Pokerbots Competition – *6.S912*	**Mobile Technology** – *21W.789*
Reddit Machine Learning Ind. Study – *CMS.603*	**Web Programming Competition** – *6.470*

AWARDS

Node Knockout 2013   Most innovative award for Tidbit.
MIT Pokerbots Competition 2013   2nd place in artificial intelligence poker tournament new team bracket.

LINKS

GitHub – https://github.com/JeremyRubin	**Pizza Predictor** – http://randomacts.media.mit.edu
LinkedIn – http://www.linkedin.com/in/jeremyrubin	**Barbot** – http://500sw.github.io/intro
Personal Website – http://RubinTe.ch	**Graffiti Codes Article** – http://bit.ly/11kaZBE
	Junkyard Jumbotron – http://bit.ly/16fmPzo

OTHER ACTIVITIES

MIT TechX/Techfair – *HackMIT Dev. Ops.*	**Unicycling, Road Cycling, Longboarding**
Phi Kappa Theta Fraternity – *Brother*	**Photography**
MIT Varsity Squash *2013 Season*	