

Nelson Liu

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Education

Troy High School, Fullerton, CA

- AP Courses: Computer Science, English , US History, Biology, Physics B, Calculus AB /BC, Economics, Government, Literature
- Ilium (Yearbook) Photo Editor (2012-2014)
- Computer Science Club Secretary (2012-2014)

September 2011 - May 2015
(expected)

Experience

InfoLab Group, MIT CSAIL, Cambridge, MA

Research Intern

June 2013 - August 2014

- Worked with the START Natural Language Processing System and its backend, Omnibase.
 - Updated obsolete uses of HTML base tags in scraping scripts.
 - Wrote Scheme scripts to scrape JPL and U.S. Election Atlas data.
 - Added scraped data to the Omnibase backend.

Keller Lab, UCSB Bren School of Environmental Science, Santa Barbara, CA

Research Intern

June 2014-July 2014

- Developed models to predict hydraulic fracture propagation in porous shale formations.

BitStation - bitstation.herokuapp.com

Co-Founder & Developer

June 2014-August 2014

- Developed a MIT Kerberos - integrated Bitcoin wallet.
- Added social transactions publicly available across the BitStation network.
- Recipient of MIT BitComp 2014 "Improving MIT Award" for project with the greatest potential to improve student life at MIT.

Honors and Awards

- Part One / Part Two Winner, IBM Master the Mainframe Competition 2013
- Second Prize, Troy High School Dave Wittry Memorial Programming Competition 2013
- Second Prize, Geologic Mapping, Science Olympiad National Tournament 2013
- Second Prize, Codes and Algorithms, SoCal Science Olympiad State Tournament 2014
- First Prize, Rocks and Minerals / Geologic Mapping, Troy Science Olympiad Invitational 2014
- Winner, "Improving MIT Award", MIT BitComp 2014
- National Merit Commended Scholar 2014
- Top 20, HackPrinceton Fall 2014

Skills

Languages: Java, Python, JavaScript, HTML, CSS, Scheme, BASH, Git, SVN.

Platforms: Windows, OS X, *nix, Eclipse.

Editor of Choice: Generally Not Used Editor Makes All Computing Simple (GNU EMACS).

Miscellaneous: Passion, enthusiasm, appreciation of deep conversation, bad humor.