

COOPER PELLATON

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SKILLS

Java, Javascript, Python, Ruby, Android, MEAN & LAMP Stacks

ACTIVITIES

ACM

2015-2016 member of UMass ACM student chapter.

HACKERS of UMASS

2015-2016 member. Group focused on original/cool hardware and software projects.

ACM ICPC TEAM

2015-2016 member of UMass ICPC team. Trained with team that qualified for 2015 Regionals.

ASTRONOMY

Member of UMass Astronomy organization. Help current students to build data visualizations and write production code for simulations. Outlet to explore interest in astronomy and physics.

HACKATHONS

Plan to attend 6+ in 2016.

YHACK (Nov 2015)

Won Best Use of Priceline API and Second Best Use of HP Haven-On-Demand with Hotline-Bing.

OPEN SOURCE SOFTWARE

Contributor to Nylas N1, Nylas Sync Engine, FastMail's JMAP specification, JMAP-Server and a JMAP implementation in Perl.

EDUCATION

UNIVERSITY of MASSACHUSETTS AMHERST

BS Computer Science	GPA 3.7	May 2019
Relevant Coursework: Algorithms, Data Structures, Software and Hardware Security, Abstraction/Obfuscation		

WILTON HIGH SCHOOL (CONNECTICUT)

NHS, President	GPA 3.7	June 2015
Relevant Awards: NASSP Leadership Award, Scholar-Leader Award, Wesport Magazine: Top Ten Teens to Watch, "Left their Mark", Colt Award for Excellence		

Extracurricular Activities: Student Council President, Best Buddies (Treasurer and Peer Buddy), co-lead of the community garden, St.Baldrick's Foundation chapter President, Morning Warrior (news broadcast) Executive Producer

WORK EXPERIENCE

Software Developer - CR Contracting Corp. Summer 2014, 2015

- Wrote proprietary algorithms to reduce costs and increase efficiencies on construction projects (lower man hours and project durations).
- Data and project analysis algorithms have been fully deployed throughout all of CR's work and are now integral to pricing and staging phases.

Cofounded - Craymer-Pellaton Technologies August 2012

- Created a business that produced both advertising and personal videos in a paid and charitable capacity.
- Provided insight into working with others, managing clients & business funds and working towards deadlines with aggressive demands.
- Opportunity to foray into the business world at an early age and to formulate management and interaction skills.

PERSONAL PROJECTS

more at <http://cepp.at/projects>

PGE -- Pretty Good Email

Javascript, Node.js
A local PGP email encryptor designed to step into the FastMail HTTP stack and integrate with Keybase.

HOTLINE-BING

MEAN Stack, Twilio, Priceline API
From YHACK 2015 (won two API challenges). An SMS service that lets you search Bing or book a hotel using Priceline. Includes payment handling from Braintree.