

# 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 3.73

May 2019

**Relevant Coursework:** Algorithms, Data Structures, Software and Hardware Security, Abstraction/Obfuscation

### WILTON HIGH SCHOOL (CONNECTICUT)

NHS, President

GPA 3.70

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.

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