

## JAKE M. RUTH

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Albany, NY 10570

Email: [jake2ruth@gmail.com](mailto:jake2ruth@gmail.com) & Website: <http://jakeruth.com/>

### EDUCATION

NY State University at Albany, graduated May 2015

Major: Computer Science & Applied Mathematics Bachelor of Science

Grade Point Average 3.88

### HONORS & AWARDS

Dean's List of Distinguished Students, all semesters, UAlbany

Westchester County, NY, Legislators Certificate of Merit, 2013

Rubik's cube competitions, Northeast US & Nationals, 2008-2014

*Rubik's 3x3 Cube, Avg. 13.95 sec*

### EXPERIENCE

CTO for personal startup Youni Inc. (2015-16)

Developed IOS mobile app that supported thousands of users. Hosted with AWS

President, Association for Computing Machinery, UAlbany, 2013-15

Hosted workshops for multiple programming languages, recruited guest speakers, organized club field trips, led weekly club meetings

Teacher Assistant, Computer Science Dept., UAlbany, 2013-14

Weekly office hours to assist students, graded exams/projects, etc.

My Plastic Brain Inc., private contractor, designed and programmed web games for brain injured patients, created a multitude of html5 compliant front-end games with jQuery & Kineticjs, recruited/trained new worker

Programming technologies: Groovy (Dropwizard/Gradle/Grails), JavaScript (Node/NPM/ReactJS), Java, HTML, CSS, C, Git, React Native

Github: <https://github.com/JakeRuth>

### EMPLOYMENT

Associate Software Engineer at CommerceHub, July 1, 2015 – July 7, 2016

Worked on agile team with ~10 other software engineers

Focused on code quality/testing. Embraced micro-service architecture

Participated on interview squad. Graded offsite submissions, conducted interviews

Software Engineer Intern at CommerceHub, Nov 2013-May 2015

Fall & spring semester part-time, summer fulltime

Actively developed on their production codebase and participated in all normal fulltime engineer practices, meetings, and troubleshooting

Barr Brothers Moving Company, Briarcliff, NY, 2012 & 2013 (Summer)

### PROJECTS

(see website for full portfolio)

Youni Mobile Application (IOS). Reached 4000 downloads & 3500 users

Front-end developed with React Native, served as a light weight rendering engine

Back-end prototyped as RESTful Grails app. Handled authentication/job running/etc.

Re-coded the popular game 2048 (Desktop only, available from website)

HTML5 compliant, written with Kineticjs and jQuery, runs in browser

Developed grails open source plugin to manage permission string caching

<https://github.com/commercehub-oss/grails-shiro-guard>

### ATHLETICS & COMMUNITY

Men's Rugby Football Club, UAlbany, 2011-2013

HS Varsity Track & Field, Captain & MVP senior year, 2007-2011

HS Varsity Soccer, Junior Varsity Captain sophomore year, 2007-2011

Hillside Food Pantry, food distribution for families in need, 2011