NATHAN C. CONTINO

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EDUCATION

University of Rochester, *Rochester, NY*   SEP 2013 -- MAY 2017
> Bachelors of Science in Computer Science
> Bachelors of Arts in English
> Major GPA 3.86; Dean's List 4/4 Semesters

Jefferson Community College, *Watertown, NY*   SEP 2012 -- MAY 2013
> Attended local community college in lieu of high school senior year
> GPA 4.00; Dean's List 2/2 Semesters

WORK EXPERIENCE

Workshop Superleader (Head TA), *CSC 171/CSC 172* - Rochester, NY   SEP 2015 -- MAY 2016
- Provided support and assistance to course instructors
- Oversaw, directed, and coordinated the work of all workshop leaders
- Led the flagship workshop for both CSC 171 and CSC 172

Programmer/Analyst Intern, *Excellus BlueCross BlueShield* - Rochester, NY   JUN 2015 -- DEC 2015
- Spearheaded an independent project focusing on project updates
- Primary focus: build systems (Maven, Ant), versioning schemes (Mercurial, Git, CVS)
- Educated staff about Maven and Mercurial via a series of presentations and workshops

Workshop Leader (TA), *CSC 171/CSC 172/CSC 173/CSC 200H* - Rochester, NY   SEP 2014 -- MAY 2016
- Led group work on introductory and advanced computer science topics
- Hosted office hours on a bi-weekly basis
- Graded tests, quizzes, labs, and projects

Peer Facilitator, *University of Rochester Orientation* – Rochester, NY
Barista, *Chrissy Beanz, Inc* – Sackets Harbor, NY

SEP 2014 -- OCT 2015
APR 2012 -- MAY 2015

PROJECTS

Pebble Development *(Independent, 2014 – present day, C-based using Pebble API and SDK)*
> Created free and open source applications for the Pebble smartwatch in the C programming language, including:
- a rudimentary text file viewer
- a timer/instruction manual for the Aeropress coffee brewer
- a timer/instruction manual for the Clever coffee brewer

Legacy Web Service Updates *(Internship project, Summer 2015, Excellus BlueCross BlueShield)*
> Designed and directed an independent conversion of legacy CVS and ANT-based Java Web Services.
- Services were updated to use a set of more modern tools- namely, Mercurial and Maven.
- By the end of the internship, five services had been converted successfully, and optimization began.
- The internship was extended through December 2015.

N-Queens Solver *(Classwork, Fall 2014, Scheme-based)*
> Developed a program that solves the n-queens problem in three different ways:
- Backtracking, a glorified naïve algorithm
- Minimum-Remaining-Value, a modification of Backtracking that prunes edge cases
- Hill-Climbing (Minimum-Conflict), which finds a solution by moving queens to a position of minimal conflict

SKILLS

	PROFICIENT	FAMILIAR/LEARNING
Languages:	Java, Scheme	C, C++, C#, Ada, OCaml
Tools:	VIM, Linux, IntelliJ, Maven, Mercurial, Git, CLI, CVS, Ant, Eclipse, Sublime, XML, Websphere	Subversion, Android SDK, Pebble SDK, Javascript, Bootstrap

Activities and Interests: *Outreach Chair of the University of Rochester Computer Science Undergraduate Council, RocHack Hackathon Committee 2014/2015, ROC HCI, ROC AI, Teaching/Tutoring, Coffee, Sailing, Hiking, Running*