RENEE JOHNSTON

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EDUCATION

Mills College, Oakland, CA
M.A., Interdisciplinary Computer Science
GPA: 4.0
May 2015 (expected)

Pomona College, Claremont, CA
B.A., Mathematics
GPA: 3.7
December 2010

Awards - Grace Hopper Scholarship Recipient, Fulbright ETA Finalist, National Merit Scholar, Robert C. Byrd Scholar

SKILLS

- **Coding** (ordered by familiarity): Java, Ruby, MySQL, HTML, CSS, JavaScript, MATLAB, R, Python
- **Development Tools:** Eclipse, Sublime, Bash, Git, Heroku, Amazon S3, Google Analytics
- **Frameworks:** Ruby on Rails, Android SDK, Bootstrap, Sinatra
- **Languages:** Fluent in Spanish - lived in Latin America for 1.5 years.

TECHNICAL EXPERIENCE

Cofounder and CTO — Brioxy Inc, Oakland, CA *May '14 - present*

- Built and maintain brioxy.com, a life management and career-advancement platform for young people.
- Responsible for the full Ruby on Rails stack including UI, backend, deployment, and analytics.

Technical Lead — Android App Development at Mills College *March '14 - June '14*

- Directed a team of three CS students to create *PocketPoints,* a classroom management app for teachers.
- Produced a working prototype and design doc viewable here: http://tinyurl.com/pocketpoints.

CS and Math Teaching Assistant—Mills College *Aug '13 – May '14*

- Ran mentoring sessions and graded for Operating Systems, Calculus, and Precalculus courses.

CS Teaching Assistant — Johns Hopkins Center for Talented Youth *Summer '12 - '14*

- Co-taught CS and mathematics summer courses to academically talented secondary students.

LEADERSHIP EXPERIENCE

Founding Teacher — Bilingual Education for Central America (BECA), Honduras *June '11 – June '12*

- Co-founded the Santa Monica Bilingual School (SMBS), serving 75 low-income K - 2 students in rural Honduras.
- Spent 60+ hours/week teaching a class of 26 first graders in English, math, science, and art.

Community Facilitator — Pomona College, Claremont, CA *Aug '10 – Dec '10*

- Piloted Pomona's first "Linear Algebra Learning Community" for struggling math students to work as a team.
- Successfully encouraged 80% of participants to later major or minor in math.
- Established the LC model as a key fixture in most introductory mathematics courses at Pomona.

COURSEWORK

- **Computer Science:** Machine Learning (Coursera), Networks, Databases, Mobile App Development, Data Structures and Algorithms, Operating Systems, Programming Languages, Computer Architecture
- **Math:** Theory of Computation, Mathematical Statistics and Probability, Discrete Mathematics, Abstract Algebra, Linear Algebra, Real Analysis, Deterministic Operations Research, Differential Equations