

Vahid M. Mazdeh

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EDUCATION

PhD Seminars (non-degree) 2015 - 2018

University of Colorado at Boulder

- International Relations - Dept. of Political Science
Article: *Economic Sanctions and Societal Unrest*
- Entrepreneurship - Dept. of Computer Science
Company: *Outloud LLC*
- Power, Place and Culture - Dept. of Geography
Article: *The Signature of the Drone: Understanding Biopolitics and Sovereignty*

Master of Science in Computer Science 2014 - 2015

University of Colorado at Boulder

- Select classes in AI: Big Data Analysis, Machine Learning and Natural Language Processing
- Select theory classes: Data Structures, Computer Systems, Algorithms, Human Computer Interaction

Bachelor of Environmental Design 2010 - 2014

Minor in Technology, Arts, and Media

University of Colorado at Boulder

- Select classes: Digital Design, Media, and Communication, Information Technology, Social Factors in Urban Planning

TEACHING EXPERIENCE

Web Engineering Workshop 2018

Sovrn Holdings Inc.

- Designed and taught a workshop on how to build scalable, reliable, and fast web applications that handle terabytes of data in the Cloud.

2017

Engineering Mentorship Programs

Sovrn Holdings Inc.

- Designed and organized mentorship and training programs for aspiring software engineers for internal hiring purposes. Taught classes on software engineering best practices and data engineering in the Cloud. Hands-on training on web development.

Campus IT Workshops 2012 - 2015

University of Colorado at Boulder, Student Academic Success Center

- Technical orientation and workshops for underrepresented students.
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PROJECTS

Outloud!

Outloud LLC, Boulder CO

- Outloud makes content on the web more accessible. The app enables users to “listen to articles read out loud by others,” crowdsourcing audio alternatives to articles online. www.outloud.io

Tactile Picture Book, Research Collaborator

University of Colorado at Boulder, Dept. of Computer Science

- Developed software, conducted interviews and helped build technologies to create tactile pictures for children to make the world a tangible and accessible place for every child. www.tactilepicturebooks.org

Thoughts

Work in Progress, Boulder CO

- An experiment at the intersection of AI and emotional patterns, Thoughts is an AI-powered journaling platform. Using machine learning and natural language processing tools to analyze personal journal entries, the app “paints” a picture of one’s thought patterns. Thoughts provides sentiment analysis reports on journal entries and identifies emotional patterns over time.

LANGUAGES

- Persian Native Fluency
- English Native Fluency
- Arabic Reading & Writing

PROFESSIONAL EXPERIENCE

Senior Software Engineer (Team Lead)

AUG 2018 - PRESENT

Sovrn Holdings Inc., Boulder CO

- Leading a team of five engineers building high-end big data applications.
- Building end-to-end products that collect, transfer, store, analyze and visualize advertising data at low latency.
- Researching, documenting and promoting micro-services strategies.
- Organizing and directing cross-team collaboration.
- Architecting full-stack applications.
- Researching and promoting new technologies and best practices.

Software Engineer II

FEB 2017 - AUG 2018

Sovrn Holdings Inc., Boulder CO

- Established and led a core frontend engineering team across multiple organizations.
- Organized cross-team collaborations to eliminate co-dependencies.

Founder, CEO

SEP 2015 - PRESENT

Outloud LLC, Boulder, CO

- Founded the LLC and led a group of 3 engineers from idea to two products: an iOS app currently available on the App Store, and a web player (www.outloud.io). New Venture Challenge 8 champions.

Software Engineer

JUN 2015 - FEB 2017

Four Winds Interactive, Denver CO

- Researched, designed, organized and led a migration plan from old technology stacks to new ones.
 - Established “agile” best practices shortening delivery cycles.
 - Built customer facing applications used by thousands of customers per day.
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HONORS & AWARDS

- Graduated with 4.0 GPA from the Masters program in Computer Science.
 - Valedictorian of the program in Environmental Design.
 - New Venture Challenge Champions (Outloud) 2016.
 - Department of Computer Science Fellowship 2015.
 - University of Colorado at Boulder Fellowship 2014.
 - Program in Environmental Design Achievement Scholarship 2013-2014.
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OTHER PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Association for Iranian Studies (AIS) 12th Biennial Conference: Irvine, CA, August 14-18, 2018.
 - Affiliate of Association for Iranian Studies (AIS)
 - American Institute of Architecture Students (AIAS)
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References available upon request.