

# ZACKERY LEMAN

1069 Foster City Blvd Unit B • Foster City CA 94404 • 508-316-9225 • ZackeryLeman.com • [Zackery.Leman@gmail.com](mailto:Zackery.Leman@gmail.com)

## EDUCATION

### TUCK SCHOOL OF BUSINESS AT DARTMOUTH

Hanover, NH

#### *Business Bridge Program*

Summer 2013

- Participated in a highly selective business program developing skills in marketing, managerial economics, corporate finance, financial accounting, spreadsheet modeling, and other fundamental business areas.
- Engaged in a Markstrat Challenge, developing marketing skills and applying them in a real life scenario with an objective to maximize SPI of the relevant division of a large corporation.
- Completed a team valuation analysis of Diageo, comprised of DCF, Marketing, Strategic, and Financial analyses, and presented the results to corporate executives and Tuck MBA Faculty.

### BOWDOIN COLLEGE

Brunswick, ME

*A.B. in Computer Science, A.B. in Neuroscience. (Overall GPA 3.91, CS 4.00) Magna Cum Laude*

Aug 2011-May 2015

- Sarah and James Bowdoin Scholar (Dean's List). Inducted into Phi Beta Kappa.

## EXPERIENCE

### NEUROSCIENCE DEPARTMENT AT BOWDOIN COLLEGE

Brunswick, ME

#### *Research Fellow*

May 2013-Aug 2014

- Selected (out of hundreds) for a Lowy (2013) & Surdna (2014) Neuroscience Research Fellowship for independent research.
- Designed and carried out three studies working with both fish and Human subjects.
- Developed and spent time troubleshooting new experimental procedures and techniques to be used in teleost fish.

### IT ADVISORY COUNCIL STUDENT ORGANIZATION AT BOWDOIN COLLEGE

Brunswick, ME

#### *Co-President*

Sep 2013-May 2015

- Lead projects to improve tech experience on campus. (Bulk Discounts on Apple computers, Printing, Loaner Equipment).
- Organized the first Annual Maine Undergraduate Liberal Arts CBBhacks hackathon (CBBhacks.org).

### SaniUV ONLINE RETAIL STORE

North Attleboro, MA

#### *Self-Employed Online Retailer*

Sep 2007-March 2012

- Started internet based store to sell electric UV toothbrush sanitizers.
- Competitively priced product. Packaged and shipped items. Negotiated bulk deals with small brick & mortar retailers.

### MAKE SCHOOL

Sunnyvale, CA

#### *iOS Instructor*

Jun 2015 - Present

- Created iOS learning materials, gave lectures on iOS concepts for students. Received extremely positive student feedback.
- Acted as a product manager and technical mentor for 13 students during the development of their iOS software projects.

## PROJECTS

#### **Zen Workouts (iPhone App, Independent)**

- A simple weightlifting workout tracker for advanced lifters. (In Review)

#### **Hackr.Space (Web & Mobile App, Independent)**

- Facilitates hackathon team formation and organizer-participant communication.

#### **Artificial Neural Networks (Java, Independent Course Project)**

- Built and compared three types of NN to read handwritten characters and break simple CAPTCHAS.
- Achieved over 94% accuracy with the RBF network.

#### **Novel Genetic Algorithm - Simulated Annealing Hybrids (Java, Course Project)**

- New algorithm found better solutions than existing algorithms to MAXSAT problems.

#### **Ant Colony Optimization algorithms for the Traveling Salesman Problem (Swift, Course project)**

#### **Aktie (P2P File Sharing, Javascript, Independent Course Project)**

- Scalable, fault tolerant, partially decentralized. Ran tests on servers across major worldwide data centers.

#### **Missoula Guide Lunches (Javascript Web App, Independent)**

- Service to allow customers to order from catering company.

## ADDITIONAL INFORMATION

**Author, EXPLICIT CATEGORIZATION IN THE FACE OF AMBIGUITY: An ERP Study of Sexually Ambiguous Face Processing (2014)**

**Proficient:** Java, Swift, HTML, CSS, Javascript, Meteor. **Familiar:** C, Obj-C, C++, React. **Exposure to:** Prolog, Haskell, Ruby.