

ZACKERY LEMAN

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EDUCATION

BOWDOIN COLLEGE

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

Brunswick, ME

Aug 2011-May 2015

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

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 the 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.

EXPERIENCE

MAKE SCHOOL

Sunnyvale, CA

iOS Instructor

Jun 2015 - Present

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

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 improved 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

- Led 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.

PROJECTS

Zen Workouts (iPhone App, Independent Project)

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

Hackr.Space (Web, iOS, & Android App, Independent Project)

- Facilitates hackathon team formation and organizer-participant communication.

Missoula Guide Lunches (Javascript Web App, Independent Project)

- Service to allow customers to order from a local catering company.

Artificial Neural Networks (Java, Course Project)

- Built and compared three types of Neural Nets to read handwritten characters and to break simple internet CAPTCHAS.
- Achieved over 94% accuracy on handwritten characters.

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, Course Project)

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

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.