Aaron Levin

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EDUCATION

University of Wisconsin – Madison **Expected Graduation: December 2018**
• Dual B.S. Computer Engineering & Computer Science; Certificates: Mathematics, Leadership
• Achieved 3.67 cumulative GPA – Dean's Honor List (8x)

EXPERIENCE

Intuit Inc. **San Diego, CA**
Software Engineering Intern *May 2018 – August 2018*
• Simplified performance testing by migrating an old, convoluted Java test suite to Apache JMeter.
• Migrated API endpoints from an old, massive codebase to a new, massive codebase.
• Built a multifactor biometric authentication iOS app as a proof-of-concept, using Xcode, Swift, and AWS.

IBM Watson Health **Rochester, MN**
Cognitive Software Developer Intern *June 2017 – August 2017*
• Developed a chatbot to help patients with diabetes manage diets and exercise.
• Wrote comprehensive documentation and illustrations to outline the project's internal architecture.
• Implemented unit and integration tests along with code coverage via Istanbul.js.
• Utilized Node.js, Express.js, Typescript, Mocha, Chai, Cloudant NoSQL, Watson Conversation Services.

UW-Madison Undergraduate Learning Center **Madison, WI**
Student Tutor *August 2016 – Present*
• Lead weekly 3-hour drop-in sessions with 10-20 tutees at once, as well as 1-on-1 tutoring by request.
• Tutor data structures, digital logic, embedded systems, machine organization, calculus/linear algebra.

SwopShop, LLC. **Chicago, IL**
CTO/Cofounder *June 2017 – March 2018*
• Envisioned user interface and business model. SwopShop makes trading old stuff easy and fun!
• Developed high fidelity prototype with inVision, and a real prototype in iOS using Xcode and Swift.

INVOLVEMENT

Coordinator – Undergraduate Projects Lab (UPL) August 2017 – Present
• Hold minimum of 2 office hours per week in a computer science lab, offering school and internship advice, ensuring students treat one another respectfully, and maintaining lab infrastructure.

President – Nat'l Org. for Business and Engineering (NOBE-UW) January 2017 – April 2018
• Oversaw 20 executive board members, leading a pivot in our mission to increase engagement.
• Organized a professional development event with over 100 attendees, and a fundraising event that raised over $500 from over 100 attendees. Led a 3x increase in overall event quantity.
• Created a highly organized bundle of board meeting notes, event pictures and summaries, and created a guidebook for a seamless transition between executive boards.

Sponsor Liaison – MadHacks Student Hackathon Group January 2017 – January 2018
• Collaboratively raised $29,000 from corporate sponsors to host UW-Madison's premier student hackathon.
• Utilized HubSpot marketing and sales software to track sponsor leads with a custom sales pipeline.

ACCOLADES & CERTIFICATIONS

• Transcend Madison Innovation Competition (3rd / 30+ teams) – Won $5,000 pitching SwopShop.
• NOBE National Business / Consulting Competition (2nd / 11 teams) – Won 2nd place 2 years in a row
• SFHacks 2017 Finalist – Built a neural network to predict students' likelihood of success.
• Amazon Web Services (AWS) Solutions Architect – Associate certification

SKILLS, COURSEWORK, INTERESTS

Courses
• Artificial Intelligence, Deep Neural Networks, Matrix Methods in Machine Learning, Cryptography, Operating Systems, Algorithms, Microprocessors and Embedded Systems, Computer Architecture
Skills & Interests
• *CREATIVITY*, Leadership, Written and Verbal Communication, Volunteering, Blockchain
• Exceptional guitarist, amateur pianist ☺