Adam Brownell

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EDUCATION

University of California, Los Angeles   Expected Graduation: June 2018
B.S.: Cognitive Science/Computation, minor in Digital Humanities   Overall GPA: 3.62
Relevant Coursework: Machine Learning, Machine Learning in Brain Science, Machine Learning in Bioinformatic, Research Statistics, Fundamentals of Artificial Intelligence, Algorithms & Complexity, Behavioral Neuroscience, Discrete Mathematics

PROFESSIONAL EXPERIENCE

BCG Digital Ventures   **Manhattan Beach, CA**
Data Scientist   *July 2017 – September 2017*
- Detected subtle emotions from phone calls for commercial application through training/deployment of supervised learning models
- Independently developed and scripted data pre-processing and representation pipeline leading up to important client meeting by researching previous successes in academia and testing/fitting these methods on real-world data
- Continuously iterated and compared a variety of machine learning models and preprocessing techniques by participating in scrum software development and applying lean start-up methodologies to data exploration

UCLA Computational Vision and Learning (CVL) Labs   **Westwood, CA**
Research Assistant   *Aug 2016 - Present*
- Scripted models of cognition by synthesizing statistics and intuitive physics and working closely with domain experts
- Designed behavioral experiments and collected and analyzed data to develop smarter and more efficient cognitive models
- Constructed predictive Brain-Computer Interface models by utilizing contemporary machine learning techniques

Mucker Capital   **Santa Monica, CA**
Front End Developer & UX Designer   *June 2015-Sept 2016*
- Developed and pitched personalized strategies for UX/UI, inbound marketing, SEO, and growth hacking to increase web traffic
- Conceptualized front-end web application of machine learning software used to invest over $750,000 of annual capital
- Consulted pre-seed tech startups and venture capitalists on modern web developments such as the 2015 Google algorithm updates

PERSONAL & LEADERSHIP EXPERIENCE

UCLA Cognitive Science Student Association (CSSA)   **Westwood, CA**
Vice President   *May 2016-Present*
- Hosted networking events, connecting undergraduates with relevant professors and professionals
- Planned and effectively ran the Annual UCLA Cognitive Science Conference by contacting influential members of the Cognitive Science community and coordinating with speakers before and during the event

Pi Kappa Phi Fraternity   **Westwood, CA**
President, National Council Member   *Sept 2014-Present*
- Restructured 100+ person hierarchical system to better mitigate conflict on the personal and chapter level
- Reallocated $200,000 budget and enacted creative policies in response to chapter grievances resulting in highest retention rate and membership in chapter history
- Redefined the chapter's mission, vision, and values with emphasis on long-term goals and membership participation
- Elected to National Council of Presidents for leadership acumen

UCLA Homecoming Committee   **Westwood, CA**
Director of Entertainment, Executive Director   *Sept 2014 - Present*
- Coordinated and executed 7 full days of participatory events with collegiate organizations and local businesses
- Raised $40,000 from students and alumni and invested all capital back into local community

AWARDS & SKILLS

- **Awards**: 2017 "Best Insight" Award at UCLA DataFest || 2016 National Council of Presidents member || 2013 Presidential Achievement Award in Marketing/Sales || 2012 Grand Champion of Teen Entrepreneurship Academy,
- **Skills**: Microsoft Office, Final Cut Pro, Logic Pro, iMovie, GarageBand, Adobe Creative Suit, HTML, CSS, C++, MATLAB/OCTAVE, Python, R, cLISP, JavaScript, and Spanish