

WILLIAM M. LEE
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EDUCATION

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- Brown University**, Master of Science, February 2020 Providence, RI
- Psychology (Focused on Computational Decision-Making Models)
 - Thesis: Knowing When to Leave Someone Isn't Easy: Social Foraging with Partners of Varying Cooperation Levels
- Brown University**, Bachelor of Arts, May 2018 Providence, RI
- Economics & Psychology

WORK EXPERIENCE

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- Deloitte LLP** Arlington, VA
Government & Public Services Business Analyst *Jan 2020 – Present*
- Provide production support for passport systems at the Department of State consular affairs by developing scripts that identify and ingest over 100,000 passports into databases that are missing passport data.
 - Develop technical documentation for passport system issues and resolutions which has removed single points of failure and reduced pending issues by over 60%
 - Lead the effort at production support to utilize data available from passport and VISA systems to provide analytical that have stopped 100s of incidents that could result in tens of thousands of dollars in work-stoppage costs for the US Government
 - Coded and deployed robotic process automation to a large marketing firm through a flask web application that took 1000s of survey data submissions from Qualtrics and delivered analytical insights reports for managers' end-of-year performance feedback.
 - Created a webscraping and natural language processing tool that utilizes random forest algorithms to identify 100s of highly compatible teaming partners for an additive manufacturing organization allowing them to maximize efforts to expand their business.
- Becker College** Worcester, MA
Adjunct Professor *Aug 2018 – Dec 2018*
- Wrote Becker College's first Esports Management Course and taught the 3-unit course weekly during the fall semester.
 - Chair Becker College's Esports Advisory Board to develop a 5-year growth and development plan for their new Esports Major.

DATA & RESEARCH

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- Multicultural Suicide and Ethnic Minority Mental Health Lab** Palo Alto, CA
Research Assistant *Sept 2019 - Present*
- Provided suicide prevention insights to the Santa Clara County through analyses on over a decade of suicide reports.
 - Worked with Santa Clara County to analyze and evaluate the success of their local school suicide prevention initiative using R.
 - Writing a publication that identifies the need for more culturally aware assessments, diagnoses, and treatments in mental health.
- FeldmanHall Affective Cognitive Neuroscience Lab** Providence, RI
Brown University - Researcher *June 2016 – Aug 2019*
- Led 2 research studies by guiding the research questions, developing and deploying the experiments, and analyzing the data.
 - Collected data through coded experiments in MatLab and Amazon's mTurk using HMTL/CSS, Javascript, and Node.JS.
 - Cleaned and analyzed data using R, Python, Excel, SPSS, and MatLab

LEADERSHIP & SPORTS

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- Brown Esports Team** Providence, RI
Founder/President & Advisor *Jan 2016 – May 2019*
- Founded the club in 2016 and led the club for 2 years growing it to a 500+ student organization with \$10,000 in annual funding.
 - Wrote and taught Brown's first introduction to video games course in collaboration with professors from the CS Department.
 - Spoke on a panel at PAX East, an 80,000+ person event, about the development and role of esports on college campuses.
- Palo Alto Stanford Aquatics & Brown University** Palo Alto, CA & Providence, RI
Varsity Athlete *Sept 2003 – Apr 2016*
- Broke both the 100 Backstroke and 200 Medley Relay Team Records at the 2016 Ivy League Men's Championships.
 - Captained a 1st place finish at the 2014 Speedo US Junior National Championships and set the meet record in the 400 Medley Relay.
 - Awarded the Scholastic All-American in 2013 for academic excellence and athletic achievement.

ADDITIONAL INFORMATION

Coding: Statistical Analysis with R, MatLab, Python, & SQL; Web Dev. with HTML/CSS, Javascript, J.S. Node, & React/Redux
Software: Excel, Tableau, SPSS, & Stata; Graphic Design with Photoshop, Illustrator, Figma, Sketch, & InDesign
Interests: Learning to Pole Dance; Writing a young adult romance novel; Playing Falco in Super Smash Bros. Melee
Clearance Level: Active Secret Clearance