JAYLEN PATEL

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Education

University of Illinois at Urbana-Champaign   Expected Graduation: May 2023
B.S. Actuarial Science, Minor in Computer Science | **Passed Exams P & FM, Sitting for Exam IFM in 07/2021**   **GPA: 3.79/4.00**
James Scholar Honors Program, Dean's List, Fred S. Bailey Scholar, State Farm Scholar, 1st Place @ PwC Big 10 Virtual Case Competition

Work Experiences

Northwestern Mutual   **Milwaukee, WI**
Actuarial Intern   May 2020 - Aug 2020
- Streamlined the process of setting principle based reserving assumption values for the Single Premium Universal Life product during an industry wide transition period regarding reserving methodology
- Conducted 4 Disability Life Reserving studies within the Valuation department to determine a statutory reserve amount that maintains solvency and accounts for 80% of the company's liabilities

AXIS Capital   **Champaign, IL**
Catastrophic Modeling Intern   Jan 2020 - May 2020
- Formulated necessary assumptions for modeling, assisted with the assessment of data quality, and identified changes in pricing exposure and the associated impact of model results within the reinsurance industry

Office of Congressman Raja Krishnamoorthi   **Schaumburg, IL**
Illinois 8th Congressional District Office Constituent Services Intern   Jun 2019 - Aug 2019
- Drafted 3 town hall event proposals to encourage community leaders and constituents to address legislation aimed at combating district and national issues, such as student loans, climate change, and youth vaping

Motorola Solutions   **Schaumburg, IL**
High School Public Safety Technology Intern   Jun 2018 & Jun 2019
- Constructed and programmed a heat-enduring wristwatch to send heart rate, oxygen level, and temperature in real time to EMS services to reduce the susceptibility of heart attacks among firefighters during rescues

Leadership

Bluebonnet Data   **Cambridge, MA**
Data Science Fellow   Jun 2020 - Present
- Utilized DNC Votebuilder, Board of Elections, and Secretary of State voter data to calculate the number of votes to win the OH-HB-53 election, generate donor outreach lists, and target low turnout polling stations

OTCR Consulting   **Champaign, IL**
Consultant   Feb 2020 - Present
- Generated and presented actionable insights for a venture capitalist firm on how to incubate and determine investment strategy for one of its portfolio companies based on macroeconomic conditions
- Analyzed hiring patterns over the last 80 years across sectors, industries, companies, and startups during and after a recession to predict unemployment patterns during the COVID-19 recession
- Hired among the top 9% of candidates to a student-led consulting firm and received training in Tableau, PowerPoint, Alteryx, Excel, and Python, specifically how to extract, manipulate, and visualize data

Actuarial Science Club   **Champaign, IL**
Spring Symposium Coordinator   Sep 2019 - Present
- Researched content, organized guest speakers, and managed a budget for an event designed to inspire and educate 200 actuarial and business students about career paths in insurance during the age of automation

Illinois Business Council   **Champaign, IL**
Professional Development Chair, Former Alumni Coordinator   Sep 2019 - Present
- Developed professional skills by attending alumni and corporate sponsored events, completing resume reviews and mock interviews, and undergoing technical and analytical training
- Selected among the top 5% of candidates to a professional organization affiliated with the Gies College of Business and contributed to philanthropic events by creating opportunities with the Alzheimer's Association

Skills & Interests

Technical: Microsoft Excel(Advanced), VBA(Intermediate), Java(Intermediate), R(Intermediate), SQL(Beginner)
Interests: Investing, Social Activism, Journalism, Malcom Gladwell, Violin, Podcasts, Dance, Sports, Consumer Tech, Photography, HFH