The Candidate

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Actuarial Exams

Exam FM/2 – Passed — October 2017
Exam P/1 – Passed — January 2018
Exam MFE/3F – Awaiting results — March 2018
Exam C/4 – Sitting — June 2018

Education

Major Public University Flagship Campus — *Graduation*: May 2018
B.S. Mathematics (Statistics concentration)
GPA: 3.277 (In Major: 3.35)

Work Experience

The Restaurant Group, The Restaurant — August 2012 - present
Lead Bartender – *Anytown, USA*

- Leading a team of bartenders through a high-volume dinner service
- Communicating with a variety of guests and providing an exceptional level of service
- Educating service staff on new cocktails, spirits, wine and beer as they are added to our beer and cocktail program

Inner City Public Schools, The Middle School — January 2010 - June 2012
Permanent Substitute Teacher – *Anytown, USA*

- Served as the science and math teacher for the Social, Emotional, Behavioral support program (SEBS), as well as the 8th grade homeroom teacher
- Collaborated with parents, counselors and school administrators in weekly meetings to develop Individualized Education Programs (IEP) for twenty-four students in the SEBS program
- Students within the SEBS program achieved a 57% proficiency rate in the MCAS Mathematics exam compared to a school-wide average of 2%

Technical Skills

- **Programming Languages:** R, SQL, SAS, MATLAB, Java
- **Software:** Excel, Access, Word, RStudio
- **Actuarial Skills:** Completed the Technical Skills Course offered by the The Infinite Actuary

Projects

2016 Wisconsin Presidential Election Results

- Aggregated a diverse set of demographic data from various sources into a single, manageable data frame in R
- Queried government databases using SQL
- Used choropleths in R to provide data visualizations for election results
- Ran regression analysis to find predictor variables within the data set

Crime in the USA during 1960

- Aggregated data from the U.S. Census, the FBI Uniform Crime Reports and the National Prison Statistics bulletin from each state in the USA
- Used the data to study the relationship between punishment regimes and crime rates
- Ran regression analysis in R to determine which variables within the data set could be used to predict crime rates