

Jeremy Koerner

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EDUCATION

Bachelor of Science, Mathematics

2017 – 2020

The University of Texas at San Antonio, San Antonio, TX

- Minor in Statistics
- Led team in creating a Linear model predicting likelihoods of a forest fire occurrence in Portugal's Montesinho Natural Park

Associate of Science, Mathematics/Associate of Arts, Liberal Arts

2014 – 2017

San Antonio College, San Antonio, TX

- Conducted lab work learning basic principles and applications of electricity, electromagnetic waves, and optical phenomena

Notable Courses:

- Numerical Analysis (Computer Science/Mathematics conjunction; Utilized Matlab to conduct various projects)
- Linear Regression Analysis (Statistics focus; Utilized SAS Enterprise to produce linear models)
- Differential Equations II (Engineering/Mathematics conjunction)

PROFESSIONAL EXPERIENCE

Software Developer

2020 – 2021

HCL Technologies, San Antonio, TX

- Utilize Spring Framework and its related APIs to generate CRUD operations in MySQL via Java
- Create front-end dashboards via CSS and Javascript
- Initiate in Agile/Scrum environments

Manager

2013 – 2020

Capparelli's Italian, Garden Ridge, TX

- Oversaw team members to ensure quality service is provided
- Assigned shift duties and Team member roles
- Conducted revenue reviews at end of shift and resolve discrepancies
- Resolved conflicts and tempered escalations

Independent Math Tutor

2014 – 2017

San Antonio, TX

- Mentored and tutored 2 students for Calculus I coursework
- Mentored and tutored 3 students for Linear Algebra coursework

SKILLS & INTERESTS

Programming: Spring Framework; Hibernate; mySQL Server; HTML/CSS/JS; Rstudio; Python; Scrapy; Matplotlib; Eclipse

Communication: Active Listening; Problem Sensitivity; Teaching; Counseling; Team-Building;

Hobbies: Traveling; Home Movies; Fitness; Horror Novels; Violin; Computer Music Production; Twitch Streaming

WEBSITE & PORTFOLIO

Website: jeremykoerner.github.io/website

Portfolio: jeremykoerner.github.io/website/my_projects