**Michael Fitzgerald**

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“No such thing as bad student, only bad teacher.” – Mr. Miyagi, *The Karate Kid*

**ELEMENTARY SCHOOL TEACHER**

Highly accomplished teacher with nearly 10 years of experience who has leveraged those years of experience and the currently-learning and previously-learned skills in the Master’s program to become the most effective teacher I can be.

**SKILLS & ACCOMPLISHMENTS**

* **Data Analysis:** Python | Pandas | Matplotlib | Numpy | Excel | Google Sheets
* **Web Development:** HTML | JavaScript | Photoshop | Inkscape
* **Advanced Excel:** Excel expert who develops productivity- and efficiency-focused tools
* **Game Design:** Developed a complex survival fantasy Tabletop Roleplaying Game and continually modify Dungeons and Dragons 5th Edition to suit my needs
* **Chinese:** Utilize language skills as a real-time interpreter and video game translator
* **Korean:** Utilize languages skills at work to facilitate communication between coworkers
* **Accomplishment 1:** Promoted to Lead Teacher of 4th and 5th grade and rearranged curriculum to make each unit more thematic and integrated.
* **Accomplishment 2:** Developed and deployed three websites that I use daily as a teacher. See GitHub link at the top.
* **Accomplishment 3:** Utilized Google Docs at Maple Bear to provide real-time feedback to students on their writing.
* **Accomplishment 4:** Developed and deployed my own website in order to improve my efficiency as a Gamemaster for Dungeons and Dragons.
* **Accomplishment 5:** Developed and deployed Python scripts to automate numerous tasks for my job at Dovenmuehle Mortgage, Inc resulting in a 200% increase in productivity.
* **Accomplishment 6:** Implemented Google Suite products into the classroom which resulted in over 100% increase in productivity for teachers and students at Avalon English
* **Accomplishment 7:** Implemented advanced Excel spreadsheets for staff and players which resulted in at least a 100% increase in productivity at Nebula Vault
* **Accomplishment 8:** Codified and expressed mathematically system mechanics yielding a 200% to 400% increase in code efficiency at Nebula Vault
* **Accomplishment 9:** Improved onboarding experience for new teachers through re-engineering of roles including the addition of a head teacher position.
* **Accomplishment 10:** Implemented monthly teacher reviews and follow-ups which resulted in an estimated 50% reduction of negative feedback from parents at Better English

**EXPERIENCE**

**English Teacher** 3/2022 – Present

Maple Bear, Seoul, South Korea

*For-profit after-school English education through language arts*

Taught English to Korean-speaking students using pre-designed curriculum

* Lead Teacher of 4th and 5th grade (Mar. 2023)
* Identified students in need of extra support using statistics
* Keep a gradebook of students with automated reports

**Freelance Translator** 04/2018 – Present

Yeehe, Remote

*Chinese video game localization company*

Translated video games, game-related PPTs, and related documents from Chinese to English

* Used Google Sheets to improve productivity of translation process

**English Teacher** 12/2015 – 06/2020

Avalon English, Seongnam-si, South Korea

*For-profit after-school English education through math, science, and language arts*

Taught English to Korean-speaking students using pre-designed curriculum

* Improved classroom engagement by turning in-class activities into games
* Improved student performance through analysis of attendance, homework, test, and participation data
* Identified students in need of extra support using statistics
* Translated raw data into visualizations for monthly reporting and quarterly reporting

**Lead Systems Designer** 03/2014 – 01/2017

Nebula Vault, Remote

*Game design company creating a complex survival fantasy tabletop roleplaying game*

Designed and implemented system mechanics mathematically and in code for TTRPG

* Improved user experience by single-handedly developing the companion Android application
* Identified the best system mechanics using mathematics, statistics, and probability
* Translated complex equations and code into natural language to share with partner

**Head Teacher** 07/2014 – 08/2015

Better English, Beijing, China

*For-profit after-school English education through language arts*

Middle-level management role in charge of six teachers

* Improved productivity by at least 30% via implementing campus-wide shared material storage
* Improved new teacher training by creating orientation and training materials

**English Teacher** 03/2013 – 06/2014

Better English, Beijing, China

*For-profit after-school English education through language arts*

Planned and taught lessons based on textbook

* Improved student performance through analysis of attendance, homework, test, and participation data
* Motivated students by offering fun games to play after work was completed

**EDUCATION**

**Master of Teaching,** Elementary Teaching (K-6), American College of Education, Indianapolis, IN Graduated 2024

*Program grants upon completion Indiana State Teaching License and Master diploma*

* Master of Arts in Elementary Teaching
* GPA: 4.0

**Bachelor of Arts,** Economics, Carthage College, Kenosha, WI Graduated 2012

*Econometrics-focused Senior Thesis*

* Developed a multivariate linear regression model to discern the determinants of software piracy
* Translated data into visualizations using Excel to better communicate findings