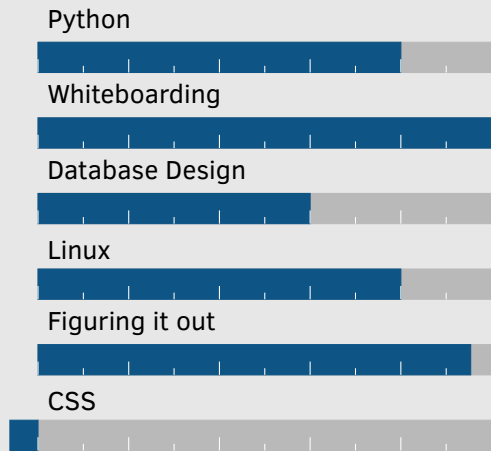# Michael

Backend Software Developer

- 📅 12 December 1987
- ✉️ California
- ☎️ 949-228-0695
- @ michaelhorvath87@gmail.com

About me

Michael is basically a husky puppy that was trapped in a human's body and forced to write software. He enjoys climbing, running trails then napping, howling with his guitar, and anything else he can do outdoors. He's been coding for about five years now, but he's been exploring since the day he could walk – perhaps even earlier.

Skill

Python

Whiteboarding

Database Design

Linux

Figuring it out

CSS

Teamplayer★6 Easygoing★4.78

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

beliefs

Continual growth is key to enjoyment of life; challenge begets growth.

Passion is a must.

Software = Poetry + Math

education

2006-2011	B.A. cum laude Psychology and Statistics	University of Kansas
2002-2006	High school, 4.0 GPA Extras: Diving, Soccer, Choir, Science Olympics	Shawnee Mission East HS

awards

1997	Math Olympics State Champion, Pennsylvania Assoc. of Private Schools
1998	Math Olympics State Champion, Pennsylvania Assoc. of Private Schools
1999	Math Olympics State Champion, Pennsylvania Assoc. of Private Schools
2000	Math Olympics State Champion, Pennsylvania Assoc. of Private Schools
2001	Math Olympics State Champion, Pennsylvania Assoc. of Private Schools
2005	Science Olympiad State Champion, Chemistry
2006	CalTech Signature Award, Excellence in Science and Mathematics
2016	Heart and Soul Award, Lawrence Ultimate Frisbee League

experience

2018 - Now	Software Engineer	Fluxergy, LLC

- Designed clinical test data system with real-time data-uploading and retrieval via Azure Webapp Services and Docker Containers.
- Designed shop floor control system to be department agnostic, applicable in multiple areas of rapidly scaling company.
- Maintained pre-existing systems with short turnaround times for feature requests, bug resolution, and changing requirements.
- Delivered real-time data visualizations via PowerBI and Elasticsearch/Kibana.

2017 - 2018	Software Engineer	Embrace Healthwear, LLC

Developed activity classification models with biometric data to map physical therapy research to procedural findings.

skills

2018-2020	Python, Django, Flask, PHP, MySQL, Docker, LaTex, docker-compose, Git, Cloud resources (Azure and AWS), Database desgin, Elasticsearch and Kibana, PowerBI, Javascript/HTML/CSS
2010-2020	Program evaluation, requirements gathering, software design, technical liaison, public speaking, presentation, small talk, interviewing
2020	Documentation in professional , yet entertaining tone to ensure that readers were minimally bored, maximally informed, and where possible, entertained.

other information

Michael used to work in construction and property management. He's found some odd overlap between his previous career and his current one, mostly in visualizing interdepent systems and the value of elbow grease (not to mention the horror of opening up someone else's beloved home to find that the whole thing is tied together with (more or less) strings). He'd love to find a home where he can continue to grow and be challenged by exciting new projects on a regular basis.