

Alex Krenitsky

Full-Stack Software Engineer

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Experience

ENL / Computer Science Teacher – Academy for Excellence in Leadership

September 2019 – June 2022, Brooklyn, NY

- Building a computer science curriculum covering fundamentals of computer programming.
- Designing engaging, open-ended CS projects assignments
- Maintain strong relationships with student families.
- Foster affirming and culturally-responsive classroom spaces.

Teaching Resident – The Facing History School

September 2018 – June 2019, New York, NY

- Creating unique unit plans and lesson plans designed to be culturally responsive and fit students' specific learning needs.
- Assessing student learning, maintaining detailed records to inform future lessons.

English Instructor – Hermanos Tora Bilingual Primary School

October 2016 – June 2017, Madrid, Spain

- English language instruction for 4th grade Spanish students.
- Planning and executing activities for English, Science, and Social Studies classes, using clear objectives and assessments for language learning.

English instructor – Avalon English

February 2015 – March 2016, Cheongju, South Korea

- Leading ESL classes for students aged 6-14, adapting lessons to student needs and assessing student progress.
- Conducting formal language assessments in English speaking, listening, reading, and writing.

Architectural Assistant – MIT Lincoln Laboratory

June 2011 – February 2013, Lexington, MA

- Producing construction documents for laboratory and office renovations.
- Planning and coordinating projects with various engineering teams.

Skills

Programming Languages

Python, Javascript, HTML, CSS

Frameworks & Libraries

Flask, SQLAlchemy, Postgres, Pandas, Selenium, Beautiful Soup, Node.js, React, TKinter, Matplotlib

Tool & Platforms

Git, Nginx, Docker, Jest, Heroku, Linode, Linux

Projects

Pet-Watch

Web app for monitoring home temperature climate and pet well-being. Built with Flask, Postgres, SQLAlchemy, and deployed with Nginx, Docker.

Education

Teachers College, Columbia University

2018 - 2019

Masters in Education

Boston Architectural College

2007 - 2013

Bachelor of Design studies

Interests

Running marathons, ceramics, literature, all things tech.