Alex Krenitsky
Full-Stack Software Engineer

✉ alex@ak0.io   📞 978-378-0207   🏠 ak0.io   ⬛ github.com/myshkins

Experience

Computer Science/ESL 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 and lesson plans to fit students' specific learning needs.
– Assessing student learning, maintaining detailed records to inform future lessons, and track progress.

English Teacher – Hermanos Tora Bilingual School

October 2016 – June 2017, Madrid, Spain

– English language instruction for 4th grade 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 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 renovations.
– Developed formal office standards for CAD drawings, coordinated standard design with engineering department.
– Planning and coordinating architectural design with other engineering team requirements.

Skills

Programming Languages

Python, Javascript, SQL, HTML, CSS

Frameworks & Libraries

Flask, SQLAlchemy, Postgres, Pandas, Airflow, Selenium, Beautiful Soup, Matplotlib, Webpack, React.

Tools & Platforms

Git, Nginx, Docker, Jest, Node.js, Linode, Linux

Projects

Pet-Watch

pet-watch.ak0.io   repo

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

Personal Blog

blog.ak0.io   repo

Personal blog page, built with Flask, Postgres, SQLAlchemy. Posts written in Markdown are stored in database, with page views rendered via Flask.

Education

Teachers College, Columbia University

2018 - 2019
Masters in Education

Boston Architectural College

2007 - 2013
Bachelor of Design studies

Certifications

– 100 Days of Code: The Complete Python Bootcamp
– The Odin Project: Fullstack Javascript
– Princeton University: Algorithms Part I
– Build a Modern Computer from First Principles: From Nand to Tetris

Interests

Running marathons, hiking/backpacking, ceramics, literature