

Gregory Smith

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Python and JavaScript Educator and Software Engineer with multiple years of experience designing, implementing, and maintaining both internal and client software projects, as well as managing small teams of very junior developers.

Technical Skills

Python, JavaScript, Flask, Reactjs

HTML, CSS, SQL (MySQL, sqlite), Git, Bash, Google Cloud Platform

Numpy, Pandas, Scikit-learn, Beautiful Soup, React Native

Work Experience

Byte Academy - Software Engineer, Lead Instructor, January 2019 - present

- Managed team of instructors in USA and India
- Reviewed, approved, and designed new curriculum changes
- Project manager and lead developer for the international engineering team, responsible for internal automation and development (primarily Hubspot, Shopify, Google Cloud Platform, Node.js) and development/maintenance of remote instructional tools (Open edX, Github, Python)
- Develop client & partner software projects
- Designed and developed weekly workshops and technology-focused events
- Created new React curriculum to modernize the Byte Academy program
- Interview prospective students and technical staff

Byte Academy - Teaching Fellow/Developer, May 2018 - January 2019

- Providing code review, aiding instruction, and refactoring current curriculum
- Propose and implement new curriculum
- Assist in development of client software projects
- Developing a course recommendation engine using matrix factorization in Tensorflow, pandas, numpy, sklearn, and Beautiful Soup for EdChain educational content platform

New Jersey Fencing Alliance- Manager, October 2014-December 2017

- Nonprofit sport fencing club in Maplewood, NJ
- Member of the Tournament Committee of the NJ Division of USA Fencing, August 2016-August 2019

Education

Allegheny College, Meadville, PA - B.S. Environmental Science, 2014

Minors in Economics, Biology, concentration in toxicology

Thesis: "Behavioral Effects in Rats of Inhalation and Dermal Exposure to Two Components of the Firemaster 550 Flame Retardant: TBB and TBPH"

Byte Academy - Fullstack Python Immersive- Student, February - May 2018

- 14 - week intensive program teaching full stack web development & project implementation with Python, JavaScript, HTML, CSS, SQL, Flask, jupyter notebooks