

Angus Andrea Grieve-Smith

39-65 51st Street, Apt. 3B, Woodside, NY 11377 • (917) 916-7469 • angus@grieve-smith.com • @grvsmth on [LinkedIn](#), [Mastodon](#), [BlueSky](#), [GitHub](#)

Developer and problem solver

- Develop innovative applications for challenging problems
- Adapt existing code for new needs
- Identify, deliver and integrate existing technologies to satisfy customer needs

Technology summary:

Imperative languages: Python, PHP, Java, Perl, JavaScript

Frameworks: Django, Flask, Android, Tomcat, LAMP, Angular, React, jQuery, Bootstrap

Declarative languages: XML, HTML, CSS, VRML, JSON

Query languages: MySQL, PostgreSQL, Oracle SQL, Microsoft SQL, Regular expressions

Operating systems: Windows, MacOS, RedHat Linux, Ubuntu Linux, IOS, Android

Development tools: Git, Jenkins, Eclipse, Android Studio, Vagrant, Emacs, Liquibase

Selected professional experience:

The New School, New York, NY.

Web Developer, October 2018 - June 2026.

Use PHP and SQL (MySQL, Oracle, Microsoft SQL Server) to create API microservices and webhooks for Print Points, Printer Locations, Photo Consent and Demand Response

Use Javascript to create dynamic, mobile-friendly widgets in the Pathify campus portal framework for Class Schedules, Grades, Financial Aid, Dining Dollars, Drop Dates and more

Use Java and Javascript to create portlets for the Ellucian Luminis Portal (retired in 2024)

Use PHP to create data provisioning scripts for RemoteLab, TeamDynamix ticketing and Starfish

Use Javascript, React, HTML and CSS in the campusM AEK framework to create dynamic, responsive apps for students, faculty and staff across web, IOS and Android platforms

Columbia University, New York, NY.

Associate Application Systems Developer, July 2016 - October 2018.

Use Python (Flask), OAuth, Javascript, Bootstrap and Oracle SQL to create LTI tools for teaching and learning

Maintain and extend Perl scripts for ETL conversion of course data feeds; create new feeds

Use Jenkins with shell and Python scripts in combination with GitLab to automate deployment

Extract data from Oracle servers, and REST APIs for Canvas LMS, Jenkins, and others

Use Puppet to reconfigure VMWare virtual servers running RedHat Enterprise Linux

New York University, New York, NY.

Associate Research Scientist, September – December 2014

Assistant Research Scientist, February 2012 – January 2013

Natural language processing (NLP) for information extraction with Python, Java and AngularJS

Saint John's University, Jamaica, NY.

Adjunct Assistant Professor, Fall 2008 – December 2015.

Teach Languages and Literatures, in classroom and online

Grieve-Smith Consulting, Woodside, NY.

Independent Information Technology Consultant, January 2004 – January 2012.

Provide hardware and software support and guidance to nonprofits, businesses and households

Fund for the City of New York, New York City.

Information Technology Support Engineer, June 2002 – January 2004.

Desktop, server, printing and network support for a nonprofit foundation

LexiQuest, New York City.

Technical and Linguistic Consultant (full time), July 2000 - July 2001.

Development and systems integration for a computational linguistics technology restart

Selected Conference and Meetup Presentations:

2020. "Recording browser audio for LanguageLab," QueensJS, Astoria.

2018. "Annotation: U store it." Modern Language Association, New York.

2016. "Jargon-term Extraction by Chunking" (with Adam Meyers). NY Python Meetup Group.

Selected Publications:

2019. *Building a Representative Theater Corpus: a Broader View of Nineteenth-Century French*. London: Palgrave.

2008. Effects of language experience on the perception of American Sign Language (co-authored with Jill P. Morford, James MacFarlane, Joshua Staley and Gabriel Waters). *Cognition* 109: 41-53.

2002. SignSynth: A Sign Language Synthesis Application Using Web3D and Perl. *Gesture and sign language in human-computer interaction. International Gesture Workshop, GW 2001, London, UK, April 18-20, 2001 Proceedings*. Berlin: Springer.

Education:

The University of New Mexico Linguistics PhD, August 2009

The University of Chicago Linguistics MA, August 1994

Binghamton University (SUNY) Linguistics and Languages BA, May 1993

Organizations:

The New York Tech Karaoke Meetup

Member, 2019 - Present; *Organizer*, 2022 - Present

Fun, creative networking for technology professionals and friends, in person and online

Public technology projects:

LanguageLab (Python/Django/Javascript/React): Web-based language learning through mimicry and repetition

Contagion (Python/Django/Javascript): Public aggregator for infectious disease data

spectacles_xix (Python/MySQL): Twitter bot that announces plays that premiered on this day two hundred years ago in Paris.

EveryTreeNYC (Python): Twitter bot that delivers a Google Street View of every street tree

Anno2-Storage (Python/Django REST/Postgres): Backend API for AnnotatorJS annotations