

M. Paul Weeks

www.mpaulweeks.com • New York City • 929-277-8311 • mpaulweeks@gmail.com

TECHNICAL SKILLS

Proficient with JavaScript, React, Python, Go, HTML/CSS, SQL/noSQL
Experienced in TypeScript, FlowType, Rails, C#, Scala, Java

TECHNICAL EXPERIENCE

NICKL, New York, NY

May 2018 – present

Software Engineer Parttime

Primarily frontend experience using React and FlowType

- Created React-powered modal with responsive design to run as a paywall on client websites
- Designed a tool for customizing said paywall, with live preview and automatic redeploy
- Implemented the related APIs and DB models on the BE using GraphQL and rethinkdb

Paperless Post, New York, NY

2016 – Jan 2018

Software Engineer

Primarily backend experience using Go and Rails

- Added support to Rails models and admin tools for international currencies
- Designed and prototyped a Go service for scheduling internal tasks (email, notifications, etc)
- Assisted the FE team with handling Backend APIs using React Redux
- Took the lead in process standardization, from PR signoffs to naming conventions

Percolate, New York, NY

2014 – 2016

Backend Engineer

Primarily backend experience using Python2 with Django / Flask + SQLAlchemy

- Created single sign-on integration, including full stack web app work and API for mobile
- Refactored and migrated user data from a monolithic codebase to a new service
- Led technical interviewing, producing new questions and documenting expected roadblocks

Zocdoc, New York, NY

2012 – 2014

Software Engineer

Full stack experience using .Net MVC and T-SQL

- Developed backend & frontend software to track and view metrics
- Created scheduling web app for service calls with availability constraints and timezone config

PROJECTS

FightingGame.Community

Summer 2016

<http://sfv.fgc.mpaulweeks.com>

Created web app that provided up-to-date *Street Fighter V* statistics for 24k registered users

- During peak activity, served 40k unique users and 274k page views per month
- Developed full stack on AWS using MySQL, Python3 + Bottle, HTML, CSS, JS
- Discovered and used Capcom's undocumented "Fighters Network" API

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TEACHING EXPERIENCE

General Assembly, New York, NY

May 2018 – present

Instructor

Taught a handful of long-form classes and one-off workshops. Highlights include:

JavaScript Development

1 week intensive JavaScript course designed to upskill 28 employees for an enterprise client

- Covered ES6, jQuery, fetch/Promises/async, closures, scope/context, and Vue.js
- Each student made a web app: take user input, consumed an API, generate HTML
- Took 28 students with no knowledge of frontend to building said web app in 1 week

Frontend Web Development

10 week, part-time course on practical frontend coding to non-technical students

- Covered HTML and CSS in depth
- Introduced JavaScript, jQuery, loops, and API consumption
- Customized the existing curriculum for 20 classes (each one 3 hours long)
- Managed everything transparently via GitHub, from lecture slides to homework submission
- Students published a new complete web page every week, hosted publicly via GitHub pages
- Maximized student engagement through a combination of lecture, solo, and group activities
- Tracked engagement and adapted the class according to rigorous and constant feedback

Miami Ad School, Queens, NY

October 2017 – June 2018

Instructor

Taught introductory frontend programming to young professionals

- Designed curriculum for 10 classes (each one 3 hours long)
- Taught advanced HTML/CSS and introductory JavaScript
- Wrote and hosted custom API services for the students to develop against

EDUCATION

Colgate University, Hamilton, NY

2008 – 2012

Bachelor of Arts, Computer Science

- Upsilon Pi Epsilon – Computer Science Honors Society
- Magna Cum Laude

OTHER INTERESTS

- Volunteering to teach kids how to code with CoderDojo NYC
- Pro bono web app dev for Animation Nights New York, an indie animation meetup
- Traveling and giving guest lectures at anime conventions about film history and analysis
- Barbershop Singing. I have started an office quartet twice before and will never stop trying.