

Tom Petty

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Software Engineer in St. Louis, MO

I appreciate a diversity of ideas, people, and culture which helps me bring a broad perspective to my observations and interactions. I see continuous learning and honing communication skills as vital to my success.

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GITHUB <https://github.com/tp-1000> | **LINKEDIN** <http://www.linkedin.com/in/t-petty>

PROJECT EXPERIENCE

Atlas — Web app

- Atlas is a web app that lets users add a marker and view markers for a geographic area. Imagine taking a walk in your neighborhood with a personal tour guide.
- Easily add a marker's location, name, description, and image attributes to the database with a form leveraging Google Map API.
- Simplified displaying all markers for an geographic area by using PostGis, a Postgres extension, to query GIS data.
- Granted logged in users access to content through session cookies.
- Created secure passwords with Bcrypt's password hashing and salts.
- Delivered a MVP in 8 weeks, using Trello boards with agile practices.

WORK EXPERIENCE

Bicycle Mechanic — The Hub Bicycle Company, Webster Groves, MO

January 2011 – Present

- Strengthened the service department reputation by efficiently adjusting and repairing hundreds of bikes in a way that was beneficial to both customers and The Hub Bicycle Company.
- Increased rider's confidence through teaching repair classes that cover flat tire fixing, gear adjustment, and other basic maintenance.
- Established a safe riding culture for our weekly group rides through example and direct conversations with cyclists during rides.

Instructor — Maryville University, Town and Country, MO

August 2019 – December 2019

- Taught two sections of Intro to Digital Media to Interior Design students over the basics of the Adobe Creative Suite and SketchUp.
- Conducted classes so even students with little or no prior experience were able to complete advanced projects by the end of the semester.
- Strengthened students vocabulary and communication skills through frequent and friendly critique and discussion.

EDUCATION

LaunchCode, LC101 Programming Course — 2018

University of Kansas, B.F.A. Industrial Design — 2010

SKILLS

PROGRAMMING LANGUAGES

- Java
- JavaScript
- TypeScript
- HTML5/CSS3

FRAMEWORKS

- Angular
- Spring Boot
- Jasmine
- JUnit

DATABASES

- MySQL
- PostgreSQL

TOOLS

- IntelliJ
- Git
- Thymeleaf
- NPM
- Gradle
- TDD

CONTINUED EDUCATION

Google Associate Cloud Engineer: Get Certified — 2020
[Udemy certificate](#)

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I love learning about people, ideas, and culture and use whatever I can to try to bring a broad perspective to my observations and interactions.

LANGUAGES

- JavaScript
- Java
- Linux
- HTML5/CSS3
- TypeScript

FRAMEWORKS

- AngularJS
- SpringIO

DATABASES

- MySQL
- PostgreSQL

TOOLS

- Git CLI
- IntelliJ
- NPM
- Gradle
- TDD
- Thymeleaf
- Agile practices

PROJECT EXPERIENCE

Atlas — GeoTagged Content Sharing

- Integrated Google Map API to create data points.
- Learned PostGis, to handle geospatial data generated by users..
- Used Spring Security to allow for secure user login.

WORK EXPERIENCE

Bicycle Mechanic, The Hub Bicycle Company, Webster Groves, MO, January 2011 – Present

- Diagnose and repair bicycles, and create quotes and discuss work with customers.
- Guide customers through bike purchase.
- Lead weekly morning rides of 40+ riders at peak times by determining route and ensuring legal traffic behavior
- Increase riders confidence through teaching repair classes that covers flat tire fixing, gear adjustment and other basic maintenance.
- “Accomplished [X] by doing [Y] as measured by [Z]”

Instructor, Maryville University, Town and Country, MO, August 2019 – December 2019

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Digital Photo Tech, Steven B. Smith, St. Louis, MO, March 2011 – June 2012

- Remotely assisted real estate photographer with photo editing.
- Rapid turnaround was required.

Shop Technician, KU Art and Design Common Shop, Lawrence, KS, January 2007 – May 2010

- Monitored safe use of wood and metal shop.
- Maintained Equipment and cleaned.
- Guided students with design and construction of projects.

EDUCATION

Udemy, Google Associate Cloud Engineer: Get Certified 2020 — 2020, [Udemy certificate](#)

LaunchCode, LC101 Programming Course — 2020

University of Kansas, B.F.A. Industrial Design — 2010