

# Paul Brown

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paulsprogrammingnotes.com

## Qualifications Summary

- Full-stack developer specializing in Python/PHP on Linux.
- Proficient in Python scripting and data visualization using Javascript.

## GitHub Projects

- **pawl/CalendarAdmin**
  - Boosts attendance by automatically marketing events with Eventbrite, Meetup, and Google.
  - Implements a submission/approval process for an organization's calendar.
- **pawl/MakerManager**
  - A web interface for managing RFID badges for an access control system.
- **pawl/Chinese-RFID-Access-Control-Library**
  - Reverse engineered an access control system and created a Python library.
  - Allows automating the removal of users when they fail to pay their bill.

## Technical Skills

Python	PHP	Javascript	MySQL	Git
Jinja2	Flask	SQLAlchemy	Yii	Phoneygap
HTML5	CSS	Bootstrap	jQuery	Linux (Ubuntu)

## Professional Experience

- Engineer I, Ericsson, Plano, TX (Aug. 2013 - Present)
  - Using Python, Flask, and SQLAlchemy to develop database-driven web applications to provide useful insights from raw data.
  - Building beautiful and functional dashboards using HTML5, CSS, Bootstrap, and Javascript.
  - Creating Python tools to automate data aggregation, scraping, and report generation.
  - Gathering requirements from engineers and taking ideas from prototype to launch.
- Software Development Intern, Ericsson, Plano, TX (Aug. 2012 - Aug. 2013)
  - Built widely used web application using a web framework (using PHP's Yii).
  - Gained Python experience while creating scripts to automate tasks for network engineers.
  - Learned to use Git and resolve merge conflicts as I worked with other developers.
  - Created an iOS application using Phoneygap.
  - Became skilled at creating charts using Javascript charting libraries.
  - Provided Sharepoint support to coworkers.
- Software Development Intern, Delta Steel Technologies, Irving, TX (Mar. 2012 - Aug. 2012)
  - Developed web-based iOS application using PHP, jQuery Mobile, Javascript, HTML5, and Phoneygap.
  - Helped to redesign main company website using Wordpress.
  - Built open-source 3d printer to create sales models of company products.

## Volunteer Work

- Treasurer, Dallas Makerspace (Feb. 2013 - Current)
  - Have been handling bookkeeping (Quickbooks), accounting, and billing for the last two years.
  - Wrote most of the software we use on a daily basis.
  - Served on Board of Directors from May 2013 until May 2014.

## Education

Major	Institution	Graduation Year
Computer Science	Thomas Edison State College	2013

## IT Certifications

CCNA

MCSE

CompTIA Security+

CompTIA Network+

CompTIA A+