

## Skills

- **Languages:** JavaScript, Python, SQL, CSS, HTML
  - **Libraries / Frameworks:**
    - JavaScript - React, Redux, three.js, d3.js, jQuery, Jest
    - CSS - Sass, PostCSS, Bootstrap
    - Python - Django, Django Rest Framework, Celery, Ansible
  - **Tools:** CircleCI, Git, Vim, webpack, Google Analytics
  - **Infrastructure:**
    - AWS - EC2, RDS, CloudWatch, Lambda, API Gateway, S3
  - **Databases:** PostgreSQL, Redis
  - **Process:** Agile development (Scrum, Kanban), JIRA, Trello
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## Experience

### **PledgeUp:** *Staff Engineer*

**2018-2019**

- Continued existing Software Engineer roles and responsibilities.
- Took on complete technical accountability and on call response for the website as only engineer in company.
- Built a secure third party JS widget and associated deployment pipeline for onboarding members from external sites.
- Enabled organizations to customize styles/branding on their member profile pages to match their own external sites.
- Progressively scaled infrastructure and improved website performance as data volume grew.

### **PledgeUp:** *Software Engineer*

**2017-2018**

- Transitioned key pages to newer React components and introduced Redux for data management.
- Responded quickly and effectively to networking/operational issues with the production site.
- Implemented granular Javascript/Python error reports through Sentry for more context on defects.
- Managed process and backlog of github issues through labels and priority.
- Worked with stakeholders to create SQL reports or sift through logs to answer specific user/product questions.
- Created first server side rendered React pages using AWS Lambda and API Gateway, including build/release tooling.
- Coordinated with bank and stakeholders to ensure accurate processing of monetary transactions.

**Idealist: Software Engineer****2012-2017**

- Maintained and improved legacy codebase comprised of Werkzeug, SQLAlchemy, and other Python libraries.
- Worked with QA to update the staging and production websites
- Organized and facilitated team process as Scrum Master for a revenue stream focused team of engineers.
- Screened and interviewed potential engineers, in the process helping improve the interview process as a whole.
- Coded in a variety of engineering configurations, including pair and mob programming.
- Led a team of three engineers and one designer focused on communications and engagement:
  - Reviewed Git pull requests and guided decisions based on release schedules and technical debt.
  - Facilitated multiple projects at various stages of development by working with Product Owners on estimates and timelines.
  - Improved team process and communication with retrospectives and daily stand ups.
  - Ran experimental new features through Optimizely A/B testing and Google Analytics to inform next steps.
  - Rewrote high traffic existing pages in React and PostCSS to meet new mobile-first designs.
  - Documented successes and challenges the team encountered for broadcast with entire engineering team.

**Portland State University: Capstone Lead****2011-2012**

- Built a d3.js application to visualize a graph of relationships between Twitter mentions and retweets.
- Managed a team of five other students through regular meetings and ticket tracking.
- Implemented core pieces of user interface for navigating and displaying graph.
- Facilitated frequent communication between teammates, professor, and client.

**Portland State University: Resident Assistant****2008-2012**

- Mediated interpersonal conflicts between residents and fellow staff.
- Executed social and educational events involving campus resources.
- Enforced housing policies in residence halls by reporting incidents and posting information.
- Worked both in freshmen specific halls and upperclass or non-traditional communities.
- For two years, supervised a staff of up to six resident assistants while continuing own resident assistant duties.

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**Education****Portland State University: BS, Computer Science****2007-2012**