

# SAM THACKER (they/them)

Richmond, VA 23219, (818) 321-1319, me@samthacker.me

- EDUCATION**      **California State University, Northridge**      Aug 2015 - May 2021  
B.S. in Computer Science, emphasis on Web Engineering. Minor in Philosophy.
- EXPERIENCE**      **Software Engineer II, CarMax Auto Superstores, Inc.**      Oct 2022 - Present
- Lead engineer on the Enterprise Commerce Capabilities team, providing custom software solutions
  - Collaborate closely with team technical product owner and other team's engineers to ensure consistency and robust development of features and products that support and exceed business requirements
  - Work with and mentor fellow engineers, guiding and enabling them to solve complex technical issues
- Software Engineer I, CarMax Auto Superstores, Inc.**      Jul 2021 - Oct 2022
- Member of the Public Cloud Self-Service team, developing custom full stack solutions to help automate and streamline the management and deployment of Azure cloud resources across the business. Work in React & Python.
  - Develop and maintain several backend APIs which interact with Azure on behalf of a user requesting resource or account provisioning. Conduct proper unit testing and peer reviews following standardized practices.
  - Create accessible frontend web interfaces to route, approve, and administer backend API functionalities. Configure and manage application security and SSO integration.
  - Lead team-wide initiative to more effectively utilize DevOps best practices, including metrics and telemetry integration to better understand and support service use and growth
- Full Stack Developer, Petco Animal Supplies, Inc.**      Aug 2019 - May 2021
- Designed and developed custom software and solutions architecture for applications, utilizing Python/Django, AWS, and Terraform
  - Was a member of the Point of Sale Enablement Squad, providing CI/CD and Infrastructure Automation, Systems Monitoring and DevOps tools following team architectural strategies
  - Managed production scale services on AWS. Create and optimize build and deployment pipelines with Docker.
- Full Stack Developer Intern, Petco Animal Supplies, Inc.**      Jun 2019 - Aug 2019
- In an Intern position, trusted to single-handedly design, develop, and architect a custom software deployment solution to over 1500 stores and 3000 unique POS terminals for in-house use as part of a capstone project
  - Worked with mentors and other team members, identifying key pain points in the existing software deployment pipeline of the POS team; suggested and implemented solutions
- Sole Proprietor, Sam Thacker Studios**      Jan 2009 - Present
- Provide fully-managed web services solutions for small businesses and individuals; design and develop client-specific websites and applications
  - Offer reliable and secure managed hosting for client websites on CentOS 7 servers, averaging 99.994% annual uptime
  - Regularly performs software updates; designed automated three-tier redundant backup system on multiple levels to AWS S3
- Library Web Assistant III, California State University, Northridge**      Mar 2017 - Aug 2020
- Led project development for an Emergency Notification System (Drupal Module) on Development and Production RHEL servers. Provided full-stack web project assistance for the University Library's website, including work in Drupal 7, SASS and Bootstrap.
  - Implemented dynamic scripting for informative and responsive website design elements

## SKILLS

- Expert in PHP, JS, Java, SQL, and CSS/HTML5; proficient in Python, React, C++, C, Shell
- Engineer full-stack websites for clients, tailoring design and functionality to exact specifications
- DevOps / Systems Architecture design and management; automated build and deployment pipeline configuration
- Administer production-level RHEL servers; build and monitor with cloud solutions providers through IaC

## OTHER LEADERSHIP

- Effectively lead Capstone Senior Project team in a Servant-Mentor capacity. Took charge as the Project Manager following Scrum and Agile best practices, and liasoning between team and product owner.
- Several years' experience teaching and tutoring topics in Computer Science and programming to a diverse range of students
- Organized and operated a large-scale on-campus gaming convention

## LINKS

- <https://samthacker.me/> – Portfolio / business website
- <https://linkedin.com/in/samthacker523/> – LinkedIn profile
- <https://github.com/codedeeply/> – GitHub page

**REFERENCES**   References available upon request.