Andrew Zito

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Experience

Web Developer at Lafayette College (2018 - present)

- Developed AWS stacks to host college web applications (AWS CDK, TypeScript, CloudFormation, EC2, Fargate/ECS)
- Developed CI deployment workflow (GitLab CI, Capistrano, PHP Deployer, AWS CDK)
- Performed stage and production deployments to on-premises VMs and to AWS
- Participated in project management by writing scopes, project plans, tech reviews
- Designed WCAG 2.0 compliant, maintainable UI elements as needed (PHP, Twig, SASS)
- Added GDPR compliant personal data export and deletion to Moodle plugins
- Wrote unit and acceptance tests for Moodle plugins (PHPUnit, Behat)
- Responded to incidents by following established communications workflow, debugging, and writing after action reports
- Developed local dev environments for WordPress, Moodle, Drupal (Docker Compose)
- Implemented Redis caching in Moodle, WordPress (AWS ElastiCache)
- Performed database management duties including Gluster replication recovery, master/slave replication recovery (MariaDB, Gluster)
- Improved and maintained custom Symfony applications including the College's Bing-backed search, search keymatch management, course data API wrapper

Student Programmer at Hampshire College (2015 - 2017)

- Themed components for college Intranet redesign (Drupal 7, ZenGrids, SASS)
- Designed and implemented custom module to manage temporary enrollments in Moodle

Volunteer Teaching Assistant at MyRise Coding Academy (2016)

- Worked with MyRise founder to craft basic web development curriculum for small cohort of high school students
- Guided class in producing and delivering two websites to paying clients

Education

Hampshire College (Bachelor of Arts, 2017)

Studied Web Development, Software Engineering, Linguistics

Division III Project: Syntree

- Developed a web application that allows users to draw syntax trees with a GUI interface (JavaScript, jQuery, Snap.svg, PHP, MySQL)
- Wrote in-depth technical documentation to accompany source code

Bard College at Simon's Rock, Associate of Arts, 2015 (Philosophy)

Studied Philosophy

References available upon request