Maxwell Burggraf

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Seattle, WA

Education

Syracuse University   Syracuse, NY
Bachelor of Science, Computer Science   *May 2017*
- Syracuse University Dean's List – Fall 2016, Spring 2016

Experience

Amazon Web Services   Seattle, WA
Software Development Engineer II   *April 2020 – present*
- Owned and led several features to completion, such as private repository support for Lightsail Containers and a major Windows instance security improvement
- Developed and maintained microservices that meter usage and ensure accurate billing for Lightsail customers
- Worked with a small sub-team to develop Lightsail's Containers feature, a simplified container hosting offering
- Designed and built major portions of an unnanounced AWS service

Software Development Engineer I   *August 2017 – April 2020*
- Assisted with several customer-facing Amazon Lightsail features, such as Disks, Databases, Load Balancers, and Windows Instances
- Led several projects to completion that benefited customers and developers

Software Development Engineer Intern   *May 2016 – August 2016*
- Assisted with the development of Amazon Lightsail, a new AWS service
- Delivered a project that assisted with backend development of the service

Syracuse University   Syracuse, NY
Undergraduate Research Assistant   *May 2015 - August 2015*
- Assisted graduate students in developing DroidSIFT, a new, sematics-aware approach to detecting malware in Android applications
- Created a node.js web application called Gryphon and a REST API back-end to allow users to upload APK files and view malware analysis results

Teaching Assistant, *Intro to Computer Science, Intro to Systems Programming*   *August 2014 – May 2016*
- Guided classes of up to 60 first and second-year Computer Science students during in-class activities
- Held office hours to guide students through assignments and assist students in understanding course materials
- Designed and graded several quizzes and homework assignments
- Covered various Systems Programming concepts in Bash and C

The Daily Orange   Syracuse, NY
IT Manager   *August 2014 – May 2017*
- Member of Board of Directors
- Co-managed website design and development
- Managed and maintained office environment, including Windows and GNU/Linux servers, Windows and Mac workstations, office equipment, etc.
- Maintained server backups and inventory records of IT equipment and software

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Skills

- **Languages:** Go, Java, Kotlin, C/C++, Python, JavaScript, Swift, SQL, LATEX
- **Skills:** Automated software testing, Continuous Integration pipelines, Git, Containers, Agile development
- Rich experience in many AWS services including: DynamoDB, SQS, SNS, ECS, Lambda, CloudFormation
- Excellent written and verbal English communication skills