

# Vitaliy Alekhnovich

## PERSONAL DETAILS

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**Portfolio** vitoal.com  
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## EDUCATION

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**Bachelor of Science in Computer Science** GPA: 3.56 Expected: June 2017  
*Eastern Washington University*

**Associate Degree** GPA: 3.22 Received: June 2014  
*Columbia Basin College*

## SKILLS

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- **Languages & Frameworks:** TypeScript, JavaScript, Angular, C#, Java, Python, PHP, C
- **Software Tools:** AWS, Travis CI, Node.js, Git, Docker, Vagrant, Selenium Webdriver,  $\text{\LaTeX}$
- **Development Processes:** Agile, Test-Driven Development, Git Branches, Windows Workflow

## WORK EXPERIENCE

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**Software Engineer** Cheney, WA January 2016 – April 2017  
*Washington State Digital Archives*

- Developed for legacy WebCrawler web app and prepared for adding to continuous integration process.
- Refactored WebCrawler web app backend with a modern RESTful API.
- Developed features for local Intranet to allow server management and handle internal users.

**Software Development Engineer in Test** Cheney, WA April 2015 – December 2015  
*Washington State Digital Archives*

- Provide quality assurance for web applications in a test-driven development process.
- Create functional tests for Washington State web apps using Selenium API with a Page Objects design pattern.
- Setup a Selenium Grid to run functional tests in parallel to save on total test runtime.

## PROJECTS

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- **Stu Reports:** LAMP stack web app used by students for logging progress on CS Senior Projects at EWU.
- **AWS DynamoDB Connect 5:** Online game where two players try to get 5 consecutive spots of Xs or Os.
- **Pinball Machine:** Embedded Systems project of using an Arduino to run an old school pinball machine.
- **Ashman:** A clone of Pacman created using only Android SDK.
- **Silly Bash Shell:** Created my own simplified bash shell with C for Operating Systems course at EWU.
- **Train Simulator:** Software Engineering project to learn about Agile development and Simulators.
- **Radio Controlled Turret** Airsoft turret remotely controlled with Arduinos and XBee radios.

## HOBBIES

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- **Activities:** IEEE club, longboarding, rock climbing, snowboarding, guitar, photography.