

# Robert G Schmitz III

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<https://www.linkedin.com/in/bob-schmitz-iii>

<https://github.com/rgschmitz1>

## EDUCATION

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### Bachelor of Science, Computer Science and Systems

Jan 2019 – Dec 2020

University of Washington, Tacoma, WA

(anticipated graduation)

- **GPA:** 3.83, Mathematics Club (secretary)

- **Relevant Coursework:** Data Structures, Algorithms, Database System Design, Computer Graphics

### Certificate, IT-LAMP Open Source Development

May 2015 – May 2016

Madison Area Technical College, Madison, WI

- **GPA:** 4.0, Phi Theta Kappa Honor Society

### Associate in Applied Science, Electrical Engineering Technology

May 2003 – May 2006

Madison Area Technical College, Madison, WI

## SKILLS

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**Languages:** Java, Bash, PHP, HTML, MySQL

**Technologies:** Linux, Git, SVN

## PROJECTS

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**Equipment Tracker:** Company internal equipment checkout and location tool, developed on AWS EC2 Ubuntu server using PHP, MySQL, and Bootstrap

**CS Quizzer:** Interactive computer science quizzer, developed using Java and Swing (GUI)

## EXPERIENCE

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### Seminar Facilitator

Sept 2019 – Present

University of Washington, Tacoma, WA

- Facilitating discussion and presentations of course related materials for up to 19 students
- Preparing worksheets for discrete mathematics and object oriented programming seminars

### Math Tutor

Sept 2018 – Dec 2019

Tacoma Community College, Tacoma, WA

- Provided tutoring for algebra, trigonometry, calculus, differential equations, and linear algebra
- Level 1 International Tutor Training Program Certification

### Hardware Test Engineer

Dec 2010 – Feb 2017

Extreme Engineering Solutions Inc, Middleton, WI

- Developed in-house test framework utilizing Linux, shell scripts, and terminal macros
- Created and revised a total of 587 test procedures
- Primary trainer on test procedure software and documentation development
- Team lead experience managing group of two to three

### Electronics Technician

Oct 2006 – Dec 2010

Extreme Engineering Solutions Inc, Middleton, WI

- Hand built electronic assemblies to IPC J-STD-001 specifications
- Programmed, tested, and troubleshooted single circuit board computers and systems in various form factors