

# Niven Joseph Francis

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nivenf.com

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| [github.com/nivenf](https://github.com/nivenf)

## Technical Skills & Areas of Expertise

- Extensive Computer Expertise
  - Windows and Linux
- Object Oriented and Functional Programming
- Web Development
- Following the GitHub flow, promoting Agile Development, and performing as a Scrum Master
- Coding Languages and Libraries
  - Java, C, MIPS Assembly, UNIX, HTML, CSS, PHP, JavaScript, MySQL, D3

## Work Experience

### • University of Arizona

- Section Leader (*August 2016 – Present*) — *Department of Computer Science*
  - Assist professors, teach students during labs, and grade students' programs
- Computer Science Ambassador (*February 2017 – May 2017*)
  - Shared experiences and promoted the department to recruiting and outreach events
- The Think Tank Tutor (*July 2015 – December 2016*)
  - Tutored college students in mathematics and computer science
  - CRLA Level I Certification
- Study Group Leader (*January 2016 – August 2016*) — *Department of Engineering*
  - Created lesson plans based on Bloom's Taxonomy
  - Lead and facilitated study group sessions in Calculus II
- Hack Arizona (*January 2017, 2018*) — *hosted by Amazon, Microsoft, and Raytheon*
  - Participated and collaborated with a small group to create coding projects

### • Cashier and Technical Support

- BTO Camino Seco (*January 2012 – July 2014*) — *Tucson, Arizona*
  - Managed transactions from customers, created graphics for monitors, and set up computers, music, and videos

### • Computer Learning Session Leader

- Pima Public Library (*2013*) — *Tucson, Arizona*
  - Volunteered and represented iTNation
  - Lead five free public informational sessions on internet security, audio editing, photo editing, video editing, and programming using Scratch

### • Math Tutor

- Kumon North America, Inc. (*2009-2010*)
  - Tutored children in mathematics and helped create packets with practice problems for them

## Education

### • University of Arizona

- Pursuing Bachelor of Science degree in Computer Science
- Expected to Graduate: May 2018
- Dean's List
- 3.06 GPA

### • BASIS Tucson North

- High School Diploma
- AP Scholar