

# Matthew Sarantos

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## EDUCATION

**Bachelor of Science in Computer Science**  
**Arizona State University, Tempe, AZ**

**December 2016**

## SKILLS

**Languages:** Java, Python, C#, C, C++, HTML/CSS, SQL, XML

**Technologies:** Visual Studio, Eclipse, Git, REST

**Operating Systems:** Windows, Linux

## WORK

### EXPERIENCE

**Software Developer Intern - BASIS.ed**

**March 2017 – Present**

- Developed SQL queries in Powerschool pages to pull up relevant reports and statistics for BASIS.ed staff to use across 26 schools in 5 locations
- Designed an asp.NET web app for BASIS.ed employees to create, update, modify, and delete data depending on their role coded in C#
- Imported and verified daily employee and school data so the web app could check for discrepancies and missing data with the main SQL tables
- Headed the development of a proof-of-concept that transitions data from relational databases to Mongo DB with full documentation

**Computer Technician - Computers & ?'s**

**August 2014 – March 2017**

- Diagnosed and solved hardware problems such as bad hard drives, soldered DC power jacks to laptop motherboards, used batch scripts to repair operating system issues, and reinstalled operating systems
- Updated hundreds of tickets to help communicate and solve internal and external problems to coworkers and customers

## PROJECTS

**Automated Python Notification Program**

**Summer 2016**

- Utilized Selenium WebDriver library to get a webpage's HTML
- Parsed the HTML of a PC sales website for newly posted PC part deals
- Emailed notifications of newly added parts with part info to inbox

**Podcast Subscription Service Java Program**

**Spring 2016**

- Developed a program that pushes notification messages from publishers to subscribers who are subscribed to a matching category
- Designed with scalability in mind to be able to add large numbers of subscribers as well as publishers

**Financial Portfolio Managing Application**

**Fall 2015**

- Developed a financial portfolio application optimized for web and mobile platforms with a group of seven developers
- Users analyzed potential returns, depreciation, leases, loans, total cash flows, and generated projections of property investments