

# Matthew Arndt

matthew.arndt@temple.edu

1951 N. Gratz Street, Philadelphia, PA 19121

215-360-2335

matthewarndt.net

github.com/mattarndt

linkedin.com/in/matthew-arndt

---

**Education:** TEMPLE UNIVERSITY, College of Science and Technology, Philadelphia, PA  
***Bachelor of Science, Graduation: May 2020***  
***Major: Information Science and Technology***

## Technical Skills:

**Languages:** Java, C# .NET, Python, HTML, CSS, JavaScript, C, C++, Matlab

**Software:** Git, Eclipse, Oracle SQL Developer, MySQL Workbench, Matlab, Excel, Arduino,

**Operating Systems:** Windows, Unix, OS X, Windows Server

**Databases:** MySQL

## Coursework Completed:

Component Based Software Design

Program Design and Abstraction

Database Management Systems

Computer Systems & Low-Level Programming

Client Side Scripting For the Web

Operating Systems & Networks

Data Structures

Python Programming

Calculus I & II

Physics I & II

## Experience:

### **Bryn and Dane's Restaurant**

Line Cook

Sept. 2014 - Aug. 2018

- Worked with teams of eight in fast paced kitchen, completing orders in a timely fashion
- Trained, managed, and guided other employees in service quality and productivity
- Assisted customers with customer service related issues
- Directed inventory with management, ensuring full stock of items at all times

## Technical Projects:

**Employee Creation Database/Interface:** Using C# .NET I created a employee database interface in which the user can create add information about a given employee or client. The data gets stored in a bin file which then gets sent and stored in a database.

**Automated Irrigation System:** Using an arduino microcontroller, I designed and programmed moisture sensors to trigger pumps around my yard to water plants whose soil does not meet the required moisture level

**Smart Mirror:** Using a Raspberry Pi I built and designed a mirror that displays local weather, the time, gives a compliment, and cycles through news headlines, editing the styles used with CSS

## Leadership in Activities:

### **Temple Service Immersion Program**

September 2016 - Present

Director

- Lead weekly meetings preparing students for the trip to Guatemala
- Prepare slideshows and presented on issues such as social injustice
- Conduct interviews for this year's new participants
- Assist team leader in logistical preparation