

Permanent:

8604 Creekwood Ln  
Indianapolis, IN 46236

# Daniel Burger

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Campus:

314 Sylvia St  
West Lafayette, IN 47906

## Education

**Purdue University**, West Lafayette, IN  
Bachelor of Science in Computer Engineering  
Minor: Psychology

GPA: 3.48 / 4.0  
Graduating May 2021

## Work Experience

**Northrop Grumman** - Melbourne, FL - *Electronics & Payload Intern* May 2019 – Aug 2019

- Researched Docker and containerization for use in running tests in parallel to cut down on total test execution time and increase efficiency of resources
- Presented to 40+ coworkers on Docker and how it is a solution to many problems facing our team
- Integrated Docker into the existing subsystem testing architecture to isolate subsystem tests
- Secret Security Clearance pending

**Greek's Pizzeria** - Fishers, IN - *Pizza Delivery Driver & Cook* May 2016 – Aug 2018

- Delivered 10+ orders a night to houses and businesses in the surrounding area
- Produced menu items and watched ovens to pull food out when fully cooked

**Bishop Chatard Junior IntenCity Camp** - Indianapolis, IN - *Camp Counselor* June 2015 & 2016

- Organized activities for 20+ children ages 7 to 10 to involve them in community service
- Oversaw volunteer service trips to locations like the local library and retirement home

## Leadership and Involvement

**The Crazy Monkeys Improv Group**, Purdue University, *Treasurer* Sept 2017 – Present

- Budgeted \$18,900 for use in booking shows and advertisement to advance club success
- Perform free comedy shows in front of hundreds of students throughout the school year
- Manage advertising through graphic design in social media and posters for upcoming shows

**Boiler Gold Rush**, Purdue University, *Team Supervisor* Nov 2018 – Aug 2019

- Completed 11+ trainings for a mid-level leadership role in Purdue's student orientation program
- Trained 10 students to be effective in leading new students in academic and social activities

## Project Experience

**Thermocouple Data Analysis**, Purdue University Spring 2018

- Developed an algorithm that locates parameters within thermocouple data to determine quality
- Designed the algorithm in MATLAB that identified time constants in any given data set and found the regression model from plotting time constant versus price

## Achievements

Nominated for SigEp Balanced Man Scholarship Mar 2019

Nominated for and attended EMV Sophomore Leadership Retreat Sep 2018

Eli Shay Electrical Engineering Scholarship Recipient Jul 2018

## Skills

Programming languages: C, Python, MATLAB, HTML & CSS, Javascript

Software: Adobe Photoshop & Premiere Pro, Linux, git, Docker

Soft skills: Public speaking, leadership, goal-oriented