

# Timothy Rose

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## education

### University of Massachusetts, Dartmouth – Dartmouth, MA

Expected May 2020

Bachelor of Science in Computer Science  
ABET Accredited  
GPA 3.891/4.0  
Honors: Chancellor's List – Spring 2018, Fall 2017, Spring 2017, Fall 2016

## work experience

### General Services Administration

June 2018 - August 2018

Information Technology Intern

- Cataloged over 200 excess laptops. Deployed an "out-of-box experience" on each laptop over the network. All working laptops were cleaned up and given to schools under GSA's "Computers for Learning" program.
- Wrote a few batch scripts to organize file storage on a network drive.
- Worked with Google Apps Script (Javascript) to speed up and automate asset data collection and integrate with Service Now.
- Provided general IT support including: hardware/software issues, mobile devices (MDM setup), AV equipment, networking, virtual teleconference setup, cable management, and Targus Docking stations.

### University of Massachusetts, Dartmouth

August 2017 - Present

Resident Assistant (Accepted as Senior RA as of Fall 2018) - Hickory & Birch Apartments

- Wrote a web application to completely automate the duty swap process for my team of RAs. Each time an RA requests a duty swap, their request gets sent to their duty partner, and then the resident director for approval. All approved requests automatically update a shared google calendar.
- Responds to the needs of a diverse group of over 300 upperclassmen residents.
- Provides rotational on-call coverage and crisis response, together with an 8 member team.

### University of Massachusetts, Dartmouth - Housing and Residential Education

August 2017 - Present

Front Desk Receptionist

- Developed a call log monitor for the university's resident management system known as StarRez. Utilized the system's APIs and created custom features by coding StarQL queries.
- Introduced cutting-edge technology to the housing department by implementing a 360-degree virtual reality viewer, an online virtual tour application for students to view the residence halls [umassd.edu/housing-tour/](https://umassd.edu/housing-tour/)

## awards & skills

### Awards

- Perkins School For the Blind Hackathon 2018: Challenge winner [umassd.edu/engineering/news/perkinshacks2018.html](https://umassd.edu/engineering/news/perkinshacks2018.html)

### Technical Skills

- Languages: C, Java, Javascript, NodeJS, HTML, CSS, PHP, SQL
- Experience in low level programming: MIPS Assembly, VHDL
- Systems/Software: Vim, Git/Version Control Software, AWS, Windows, Mac OS, Linux, Service Now

### Design Skills

- Software/Tools: Adobe Illustrator, Paper & Pen

### Soft Skills

- Proficient in both written and oral communication
- Microsoft Office: Excel, Word, Powerpoint