

# Nicholas Richman

www.github.com/nrichman Lenexa, KS, 66219 (402) - 689 - 4892 nick@nickr.io

---

## Education

### UNIVERSITY OF NEBRASKA OMAHA

*B.S. Computer Science, Mathematics (May 2018)*

- GPA: 3.59
- Relevant Coursework: Data Structures, Communication Networks, Natural Language Understanding, Advanced Game Development, Human Computer Interaction, Operating Systems
- Award And Honor: Regent's Scholarship (full tuition)

## Technical Skills

- Languages: Python, Java, C#, Golang, C++
- Technologies: Unix, Git, Jenkins, AWS (EC2, S3, RDS, Beanstalk), Unity
- Collaboration: Agile/Scrum, Jira, Confluence, DevOps practices (CI, TDD)

## Work Experience

### GARMIN. LENEXA, KS

*Software Engineer I, Jun 2018 – Present*

- Maintained and developed for RV Infotainment in-dash navigation/stereo devices
- Engineered embedded software solutions at multiple layers of Android OS
- Implemented unified software updater for asynchronous Android and Linux subsystems
- Collaborated with multiple divisions across shared best practice repositories

### CSG INTERNATIONAL. ELKHORN, NE

*DevOps, Intern, Jun 2017 – Apr 2018*

- Deployed Flask (Python) web apps to display Elasticsearch query data with RESTful retry
- Identified and addressed issues and improvements in production and internal operations
- Engaged in an Agile and DevOps development environment through Kanban, CI, Testing

### NORTHROP GRUMMAN. BELLEVUE, NE

*Software Engineer, Intern, Jan 2015 – Apr 2017*

- Supported existing features for multiple secure cross-domain messaging applications
- Updated Sencha JS web mailing application for modern usability and functionality

### NEW MEXICO STATE UNIVERSITY. LAS CRUCES, NM

*Undergraduate Researcher, May 2016 – Aug 2016*

- Performed research involving human computer interactions with smart device scheduling
- Designed a web-based user study and implemented pair-wise ranking algorithm

## Involvement

### ASSOCIATION FOR COMPUTING MACHINERY

*President, August 2014 – May 2018*

- Chaired weekly club meetings for algorithm solving, SW development, and student/guest talks
- Organized university competitions with internal problem writing
- Competed in external hackathons and coding competitions
- Hackathon Award: CodeOne Omaha Hackathon People's Choice Award (2015 and 2016)
- Hackathon Award: CSG International People's Choice Award (2015)