

Benjamin Kastner

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SUMMARY OF QUALIFICATIONS

Skilled GIS professional experienced in open source and custom GIS software.

CORE COMPETENCIES

- Geographic Information Systems
- Python
- Cartography
- PostgreSQL w/ PostGIS

PROFESSIONAL EXPERIENCE

Software Engineer | August 2019–Present

Shotover Systems, Boulder, CO

- Wrote custom scripts to obtain GIS data from open datasets
- Converted GIS data to Shotover's proprietary file format for use with aircraft-based augmented reality systems
- Developed Python framework for automating repetitive data processing tasks
- Created custom OpenStreetMap dark theme using CartoCSS

Engineering Intern - Client Engineering Team | May 2018 – August 2018

Spectrum Health, Grand Rapids, MI

- Provided Level 2 support for workstations, mobile devices, and virtual desktop infrastructure
- Approved or rejected 79 access requests for virtual desktop infrastructure (VDI) pools following procedure
- Assisted with creating and modifying VMware AirWatch profiles as requested by analysts
- Monitored team's issue queue and routed incidents appropriately
- Assisted with configuring prototype iGEL (Linux-based) secure guest internet kiosk

HelpDesk Technician | Two summers and parts of two semesters from June 2016 - August 2017

Calvin College, Grand Rapids, MI

- Provided Level 1 support for faculty and staff, and assisted with Level 2 support
- Ensured excellent customer service by resolving 400 support tickets
- Improved asset visibility by inventorying assets in the field and in storage.
- Helped test, repair, and/or perform maintenance on classroom technology in over 30 classrooms to ensure reliability during class
- Helped modify language pack for Calvin LifeWork Moodle site and helped test companion Android app
- Resolved classroom technology issues while under time pressure to minimize disruption to the class

EDUCATION

Bachelor of Computer Science (BCS) | Calvin College, Grand Rapids, MI | **GPA: 3.9**

TECHNOLOGIES USED

- ESRI ArcGIS Desktop
- ESRI ArcGIS Online
- Microsoft Windows
- QGIS
- Python
- Linux
- GDAL/OGR
- Fiona
- OpenStreetMap
- PostgreSQL w/ PostGIS