

Jeremy Herbert

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[Personal Website](#), [LinkedIn](#), [Github](#)

PROFILE Enterprising Computer Engineering graduate with extensive IT experience. Experience in providing technical support to large user bases, analyzing/visualizing data, creating technical reports, developing mapping applications, writing Python scripts, coupled with strong communication skills and international experience.

PROJECTS

- Developed a [live map of COVID-19 cases worldwide](#) via JavaScript, a Python Web Scraper, and Google Cloud
 - Created a [Tram Network performance web app](#) via JavaScript APIs and SQL Filtering/dynamic map symbology
 - Designed an [interactive network graph](#) via Python graphing libraries to show refugee movement across the world
 - Created a [custom web app](#) using the ArcGIS Web AppBuilder to help backpackers plan their regional work in Australia
 - Estimated [correlations between ozone, elevation, income](#) via interpolation and zonal statistics analysis of geospatial data
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SKILLS IT Support, [Python](#), [JavaScript](#), [GIS](#), [Tableau](#), [SQL](#), Windows/macOS/Linux, Adobe Creative Suite

EMPLOYMENT HISTORY

- Oct 2019 — Dec 2019 **GIS Field Data Capture Assistant, RapidMap** Melbourne, Australia
- Ensured GIS data QA by performing measurements for >1000 streets across 5 government areas
 - Enhanced GIS data management skills via asset management in Assetmap GIS
- Aug 2019 — Sep 2019 **GIS Analyst, Spatial Vision** Melbourne, Australia
- Automated ArcGIS data management/integrity by developing Python scripts
 - Informed planning decisions by creating environmental risk assessment reports for various AOIs
- May 2018 — Aug 2019 **Independent Student/Freelancer, Work & Travel** Bali, Indonesia & Melbourne, Australia
- Expanded GIS/Programming/Data Analysis experience via various projects/classes/freelancing in GIS, Python, JavaScript, Tableau, and Excel
 - Raised English ability for 500+ students via tutoring with a satisfaction rating >97%
 - Implemented a booking system/developed guest management skills as an interim hostel manager
- Jan 2018 — May 2018 **Global Experience Peer Advisor, Northeastern University** Boston, MA, USA
- Increased study abroad conversion rates by resolving inquiries in-person/digitally
 - Reduced visitor wait time by developing a new sign-in system with automatic alerts
 - Assisted marketing team's efforts by gathering data on visitor traffic
 - Generated new prospects via content creation and info sessions/events
- Jul 2017 — Nov 2017 **IT & Marketing Developer, Synergy Efficiency Solutions** Bali, Indonesia
- Increased employee uptime by maintaining IT systems and by rewriting operating procedures
 - Generated leads/web page traffic via 8 LinkedIn Mail/Google Ad/Mailchimp campaigns
 - Inspired business interest by creating new marketing material for website/social media
 - Encouraged website visitation by reducing webpage load times by >30%
- Jan 2016 — Aug 2016 **User Services Technician, Harvard School of Public Health** Boston, MA, USA
- Resolved >630 requests from 1000+ staff/students for computers, AV systems, mobile devices
 - Enhanced office communication for >40 staff by introducing new messaging software
 - Boosted office productivity by implementing new equipment organization procedures
 - Ensured quick repair times/user updates by using the ServiceNow ticketing system
 - Increased classroom uptime by resolving urgent projection/software issues in <5 min
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EDUCATION **Computer Engineering, Northeastern University** Boston, MA, USA

Sep 2014 — May 2018 *Bachelor of Science in Computer Engineering; GPA 3.5/4.0*
(Studied abroad in UK, Brazil, and Greece)

LANGUAGES Bahasa Indonesia (Indonesian) Good working knowledge

EXTRA-CURRICULAR ACTIVITIES Disaster Response Mapper, GISCorps