

# Jonathan Engelbert

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## Professional Summary

GIS Analyst and Developer • Full Stack Web developer

ArcGIS Server • ArcGIS SDE • ArcGIS Online • QGIS • Python Scripting • HTML • CSS • JavaScript • SQL •  
PostGIS • Spatial Analysis • Git • Linux • Server Management

Graduated with honors in GIS and Geography • Magna Cum Laude Graduate • 2017 Excellence in Geography  
National Award • Designed a class for GIS students at the University of Washington • Invited to participate in  
the 2017 Radiant GIS Summit as rapporteur • Fluent in Portuguese and Spanish • Work Experience in North  
America, South America and Europe • Management Experience

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## Professional Experience

### San Francisco Urban Planning Dept (San Francisco, CA)

(August 2017 – Present)

*GIS Analyst and Full Stack Developer*

Built, tested and maintained software that reduced operational costs an estimated \$100,000 a year, including user validation  
scripts and data parsing and management programs, both internal and public-facing  
Designed and maintained geodatabases in ArcSDE across multiple servers  
Built and maintained several web maps and GIS-centric web applications  
Created, tested and maintained over 60 Python ETLs, which update, process and load large amounts of data, often daily,  
across multiple servers and applications  
Created over 50 feature classes  
Responded to daily ad hoc data requests, including the production of maps and spatial analysis  
Geo-referenced hundreds of historical maps

### Seattle Public Utilities (Seattle, WA)

( May 2016 - June 2017)

*Drainage and Wastewater GIS Intern*

Maintenance of drainage and wastewater feature classes representing Seattle Public Utilities and privately-owned  
infrastructure  
Data analysis, production of cartographic products and/or creation of digital datasets.  
Built and maintained a web application for tracking of traffic disruption by city-led construction and projects  
Production tracking (Oracle, MS Access)  
Conducted research utilizing a variety of sources (engineering plans, contractor-supplied sketches, field notes, manuals, and  
documents in support or decision-making

### University of Washington (Seattle, WA)

(May 2016 - June 2017)

*Tech support help desk assistant*

Assisted students and teachers with hardware and software solutions, on and off-site  
Facilities management assistance  
Planning and scheduling of classes and room utilization

## Education

Bachelor's in Geography/GIS from University of Washington (Seattle, WA)  
GPA: 3.96 (Graduated with honors in Geography, 2017)

