Curriculum vitae

PERSONAL INFORMATION	**Christopher LeMatty**

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🌐 www.chrislematty.com

WORK EXPERIENCE

08/2016–Present

Geographic Information Systems Specialist III
Union County Division of Engineering, Scotch Plains (United States)
www.ucnj.org

- Manage the geographic data of the county, implementing and updating data into GIS
- Create custom web applications for internal use in GIS data visualization
- Develop, edit, and debug python scripts to automate workflows
- Use data manipulation tools, geocoding, and run analysis with ArcToolbox
- Georeference and convert existing paper maps, PDFs, and other images over orthographic imagery
- Design custom maps for the County of Union
- Build, update, and maintain Personal and File Geodatabases

05/2016–08/2016

Geographic Information Systems Specialist Intern
ALK Technologies, Princeton, NJ (United States)
www.alk.com

- Extensive use of QGIS and plug-ins to digitize, create new Points of Interest (POIs), update and manage GIS data
- Manage and upkeep of existing Geodatabases

EDUCATION AND TRAINING

12/2016–Present

Associate in Science, Computer Science
Union County College
1033 Springfield Ave., Cranford, NJ 07016 (United States)
www.ucc.edu

Building core prerequisites for entrance into a Masters program in Computer Science. The curriculum focuses on programming, operating systems, databases, algorithms, mathematics, and other deep knowledge areas of the Computer Science discipline.

06/2017–07/2017

Web Development, Certificate of Completion
Pratt Institute
144 W. 14th St., New York City, NY 10011 (United States)
www.pratt.edu

Web Development class for professional development in web programming.

05/2010–05/2012

Bachelors of Science, Geography (GIS)
University of Utah
201 Presidents Circle, Salt Lake City, UT 84112 (United States)
www.utah.edu

Graduated from the University of Utah with Bachelor's of Science in Geography with a focus on Geographic Information Systems (GIS).

Relevant classes:

- Geographic Analysis

- Introduction to Geographic Information Systems

- Introduction to Geographic Data

- Cartography

08/2006–08/2010   **Associate in Arts, Social Science**

Brookdale Community College
765 Newman Springs Road, Lincroft, NJ 07738 (United States)
www.brookdalecc.edu

PERSONAL SKILLS

Mother tongue(s)   English

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	B2	B2	C1

Spanish

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital competences - Self-assessment grid

Software

- ArcGIS Suite (ArcGIS Online, ArcMap, ArcCatalog, Survey123, Web AppBuilder)

- QGIS

- OpenStreetMap

- Microsoft Office

Programming/Query Languages

- Python 2.7 & 3.6

- HTML

- CSS

- JavaScript

- SQL

Text editors/IDEs

- Atom

- Eclipse

- Sublime Text 3

- IDLE

Version Control

- Git

- GitHub