

Pierre Callies

(612) 501-5459 – PierreJacques2001@yahoo.com

FULL STACK DEVELOPER

The completion of a full stack developer boot camps provides me with new tools and methodology to develop state of the art web-sites to complement over 7 years of G.I.S. data analysis experience around urban, transportation, and market research analysis working with big data and combining datasets into Arc SDE databases. As a small drawing is worth a thousand words, well-organized static and data driven dynamic thematic maps displayed through Google Earth using JavaScript and Python codes are a new standard to present the results of big data set analysis. A strong understanding of G.I.S. technics, economics, marketing, finance, and urban planning leads the ability to deliver business strategies with cross sectional and longitudinal analysis. Enjoyment at applying theories to new web based expert systems authenticates effective and efficient communication in multi-professional/technical/cultural environments.

CHRONOLOGICAL SUMMARY OF EXPERIENCE

Trader Joe's

Crew Member..... May 2017 – March 2018

- Meat, bread, dairy, and fresh food inventory control
- Cash register operator
- Food and wine demonstrator

Normandale Community College

Business Statistics Part Time Temporary Faculty..... August 2007-May 2017

- Taught business statistics, business and marketing courses on and off line
- Researched content and drafted several sections of EQUIP accreditation Self-Study-Report
- Contributed to multiple committees
- Volunteered GIS research projects for various departments

University of Saint Thomas

Business GIS Part Time Faculty.....2016

- Taught GIS-for-Business courses to geographic and Opus Business School students:
 - Researched procedure documentation with statistical modeling and analysis
 - Lead business analyst and network analyst
 - Coached dynamic mapping techniques overlaying geographic regions with data
- Managed graduating marketing students' GIS research project for Opus Business School

White Earth Tribal and Community College

Business and IT Faculty, Faculty Senate President..... 2003-2007

- Taught Economics, Marketing, Statistics, Finance, and IT courses
- Developed Course Curriculum and Classroom Assessment Techniques
- Promoted college to potential students through radio shows, Minnesota College Sunday
- Wrote 3 Self-Study Report business sections to obtain college full accreditation
- Surveyed spatial, economics, and demographic characteristics of students to reduce marketing costs by implementing cost effective strategies using spatial and network analysis
- Implemented campus wide network (LAN, MAN, WAN, Servers, and website)

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ACADEMIC CREDENTIALS

University of Minnesota Continuing Education – Twin City campus

Full stack developer Bootcamp..... April 2018 to October 2018

Complemented self-taught web-development with a more thorough and systematic understanding of proper web-development techniques:

- **Front End Training:** HTML, HTML DOM, CSS, W3CSS, Bootstrap, JavaScript, J-Query, AngularJS, Ajax, API, W3.JS
- **Back End Training:** Firebase, MySQL, Google, NPM, Nodejs, Constructor, Mongo
- **Development Process Training:** Agile, Slack, Google

Saint Cloud State University

Master of Geographic Information System (M.G.I.S.) (G.P.A. 3.35)

Research Program Thesis Subject: “The longitudinal and cross sectional economic impacts of four-lane highway interchanges,” as a function of sites’ accessibility and commuters’ mobility

University of Minnesota Carlson School of Management

Master of Business Administration (M.B.A.)

- Majors: Finance and Marketing
- Minor: Management Information System

University of Minnesota

Bachelor of Sciences (B.S.)

- Major: Economics
- Minor: French Literature

Sandler Sales Institute

President’s Club

- One-on-One sales training for B2C and B2B

Project Management Institutes

P.M.P. Training

- P.M.P. certifiable

HONOR SOCIETY MEMBER

Gamma Theta Upsilon

VOLUNTEER ACTIVITIES

Saint Cloud State University MGIS Lab Mentor

Teaching Assistant Volunteer

- Provided graduate and undergraduate students with technical support in using ArcMap 9.3 to 10.3, ERDAS Imagine, databases, SPSS, MS PowerPoint, Words, Excel, Python, Java, and JavaScript Programming issues

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[American Association of Geographers \(A.A.G.\)](#)

Member

- Presented at the April 2017 GIS State Agency GIS Lunch ‘n Learn
- Lead GIS workshop at 2016 Minnesota Consortium Workshops
- Presented research thesis at Chicago AAG Annual Meeting in April 2015
- Presented Research at SCSU Herberger Business School M.B.A. courses
- Presented Research at 53rd Winter Economic Institute of Saint Cloud., MN

[KRJM 101.5/ Minnesota College Goal Sunday](#)

Radio Show Host

- Organized talk show securing financial support from advertising sponsors