

Marcel Dejean
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Education

Case Western Reserve University, Cleveland, OH
B.S., Electrical Engineering, 2014, GPA: 3.2

Work Experience

Database Developer

University Hospitals Cleveland AIDS Clinical Trials Unit 3/2011 - 8/2014

- Managed a SQL Server database containing millions of points of data on thousands of patients
- Wrote SQL queries to answer researchers' questions about study feasibility and data quality
- Wrote scripts to export and import data to/from other medical databases
- Created database applications using Microsoft Access, VBA, PHP and SQL Server

Systems Assistant

Northern Manhattan Improvement Corporation 11/2007 - 6/2010

- Installed and maintained computers and IT infrastructure
- Served as interim report designer and DBA for agency-wide database project
- Wrote C# scripts and SQL stored procedures for said database
- Answered employee questions about Word, Excel, Access, Photoshop, and other applications

Leadership Experience

Boatbuilding Coordinator

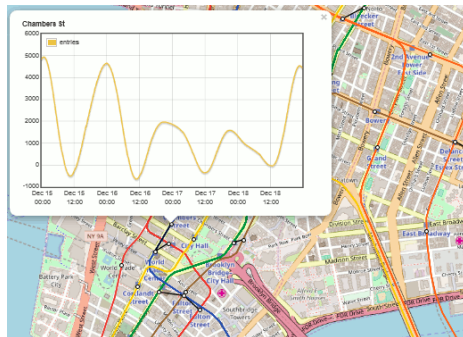
Village Community Boathouse 2014 - present

- Lead community projects as a volunteer, building wooden boats from plans
- Taught others to use hand & power tools for boatbuilding on a walk-in basis
- Served on the organization's Board of Directors
- Developed and launched a boating program in Van Cortlandt Park

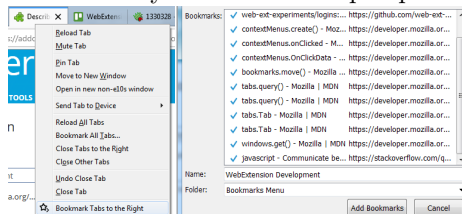
Skills

- SQL querying, data analysis
- Geospatial information systems
- Javascript front-end/web development
- Digital signal processing
- Electronics design
- CAD/solid modeling

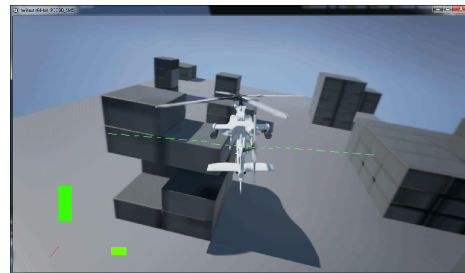
Projects - [mdejean.github.io](https://github.com/mdejean)



NYC Subway station ridership explorer



Bookmark Tabs to the Right add-on



Unreal Engine helicopter simulator



NYC street resurfacing map