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# Leonid Scott

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## SKILLS

**Languages:** Clojure, Java (Intermediate), JavaScript/TypeScript, HTML/CSS, Bash,

**Frameworks/Libraries:** Angular, Bootstrap, JUnit, Jasmine, Travis, Node.js

**Databases:** MongoDB, SQL (MariaDB)

**Platforms:** OS X, Linux

**Tools:** Eclipse, Vim, Atom, IntelliJ, Git

## Projects

### Optimization of Foils Using Evolutionary Computation (Github [Link](#))

Spring 2016 - Current

- Developed foil (wing) shapes using Evolutionary Computation
- Developed Thin Aerofoil Theory and Lifting Line Theory Models, both in Clojure.

### Digital Display Garden (Github [Link](#))

Spring 2017

- Created a feedback system for the University of Minnesota West Central Outreach Center to collect visitor feedback, compile statistics, and export data for reports
- Generated tools to populate a database from an excel spreadsheet, implemented google charts to graph aggregate data.

## EXPERIENCE

**Student Representative** - *Computer Science Discipline, University of Minnesota, Morris, Morris, MN:*

Fall 2016 - Current

Collected student input and generated draft designs for the remodelling of two computer science labs. Voted on behalf of computer science students in C-SCI discipline meetings and Science/Math Division meetings among faculty.

**President** - *Computer Science Club, University of Minnesota Morris, Morris, MN:*

Fall 2015 - Current

Planned campus wide semesterly 24 hour LAN Parties, with attendance of up to 120 students.

Planned educational coding dojos, and informational sessions of career paths in computer science.

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**Teaching Assistant - *University of Minnesota Morris, Morris, MN***

Fall and Spring Semesters 2015-2017

Graded student assignments, created rubrics, and held tutor sessions with students. Coordinated and graded with teaching faculty.

**Apprentice Wooden Boat Builder - *FirstLight Boatworks and Marine Railway, Chatham, MA***  
([Link](#))

Summer 2016

Prepared and executed painting and varnishing of boats. Helped create stencils for sailboat appendages. Maintained boats in the boatyard mooring field.

**Sailing Instructor - *Pleasant Bay Community Boating, Brewster, MA*** - ([Link](#))

Summer 2015, 2016, 2017

Taught sailing to children (ages 7 to 12), adults with visual impairments and mental disabilities, wounded veterans, and non-disabled adults. Maintained Sailboats: Flying Scot's, Lasers, 420's, catboats and Sunfish.

**Captain - *FIRST Robotics Competition Team, Morris, MN*** ([Link](#))

Fall 2011 - Spring 2015

A member of FIRST robotics team 2538 in international FRC competitions for 5 years. Designed, built, and maintained mechanical elements in addition to the electrical infrastructure and code to support them. Advanced positions year by year from an apprentice, to a team member, to a programming lead, and finally to a team co-captain.

## EDUCATION

**University of Minnesota, Morris**

Bachelor of Arts in Computer Science, Minor in Mathematics. Expected May 2019

**Coursework:** Data Structures, Computing Systems (Practicum), Evolutionary Computation, Software Development, Databases, General Physics (1&2), Calculus 3, Linear Algebra, Optimization of foil shapes using evolutionary computation (Directed Study).

**Morris Area High School**

High School Diploma, Graduated in May 2015

University of Minnesota, Morris, MN (Postsecondary Education Option / Dual Enrollment)