



# NICK FRANCISCI

Software & Web Developer

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## OBJECTIVE

To engineer products aimed at building healthier lives

## EXPERIENCE

**AthenaHealth** | Watertown, MA

Development Intern

Developed new online tool to support operations

**Grove Labs** | Somerville, MA

Software Fieldhand

Built out Grove OS web-application

**Olin College** | Needham, MA

Course Assistant for Computer Networks

**iD Tech Camps** | Washington, DC

Instructor: Programming & Game Design

Taught Java and game/level design for ages 7-17

**Custom Design Concepts** | Gaithersburg, MD

Assistant to the President

Updated budget, advised in client meetings, and researched potential subcontractors. Reviewed subcontractor bids of up to \$300,000 and totaling over \$1,000,000 during employment.

## EDUCATION

**Olin College of Engineering**, class of 2017

BSc. Eng - Computing Concentration | GPA 3.79

**Maret School**, class of 2012

Graduated Cum Laude | GPA 3.72

## PROJECTS

2016

Nov - Dec

**Hospital Finder** | Olin College

Data Visualization Final Project

Coded an interactive, online map of US hospital quality using Medicare Data

3 person team

2015

Apr. - May

**Phoenix Timeline** | Olin College

Olin.js Web Programming Final Project

Primary front-end developer for a calendar and team co-ordination web application

5 person team

2014

Apr. - May

**Internet in a Suitcase** | Olin College

Computer Networks Final Project

Designed and implemented a network stack with physical to application layers to connect Raspberry Pis in an internet of LANs

2 person team

2014

Apr. - May

**3D Scanner** | Olin College

Real World Measurements Final Project

Created custom hardware, electronics, and software for a laser striping 3D scanner

5 person team

## SKILLS

### Professionally Used

HTML | CSS | MONGO DB | SQL | GIT (& GITHUB)  
JAVASCRIPT (& D3, REACT, NODE, EXPRESS, METEOR)  
PYTHON | PERL

### Used for Projects

SKETCHING | ILLUSTRATOR | PHOTOSHOP  
C | C++ | FIRMWARE PROGRAMMING  
MECHANICAL DESIGN | SOLIDWORKS

## PERSONAL PURSUITS

**Boy Scouts** | Troop 100 of Washington, DC

Eagle Scout, Former Senior Patrol Leader

### Extracurriculars

Aquaponics | Greening Olin | Olin Cyber Defenders  
Stay-Late-and-Create | Computing Conversations