



NICK FRANCISCI

Software & Web Developer

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OBJECTIVE

To build products that foster healthier lives

EXPERIENCE

Pillpack (Amazon) | Somerville, MA
Software Development Engineer II

Engineering owner of drug catalog, inventory, purchasing, receiving, and costing systems.

AthenaHealth | Watertown, MA
Development Intern

Designed and developed web tool for printing medical claim appeals.

Grove Labs | Somerville, MA
Software Fieldhand

Developed customer-facing, mobile-first features for controlling household aquaponic systems.

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.

Olin College | Needham, MA
Course Assistant for Software Design

PRESENT
S. JULY 2017

2016
JUNE - AUG

2015
JUNE - AUG

JAN - MAY

2014
JUNE - AUG

JAN - MAY

SKILLS

Proficient

HTML | CSS | JS // RUBY | PYTHON
SQL | MONGO // NODE | RAILS // GIT
PROJ/PROD MANAGEMENT // MOCKUPS

Familiar

C // C++ | JAVA // PERL // OCAML
REACT | VUE | ANGULAR
BASH | ILLUSTRATOR | PHOTOSHOP

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

PRESENT
S. SEPT 2018

Catalog Rewrite Program | Pillpack
Engineering Owner (Tech Lead) & PM

Researched, architected, and led a cross-team (multiple engineering & ops teams) revamp of prescription, catalog, and inventory systems to reduce Pillpack's overall quality error rate by 20-25% and enable critical projects for compliance, growth, and quality across Pillpack.

4 person team

2018
JAN - MAR

Auto Vial Filling Workflow | Pillpack
Engineering Owner & PM

Researched current manual vial filling workflows. Designed and implemented new workflow around newly introduced auto vial-filling robot, reducing average fill time for eligible fills from 4.4 to 0.5 min (89% reduction). Used to produce 200k fills with near perfect drug/dose & count accuracy.

1 person team

2017
SEPT 2016 - MAY 2017

Brightbox | Olin College
Eng/Manufacturing Subteam Lead

Continued development of a hands-on education aid for optics curriculum in partnership with the Agastya Intl Foundation for manufacture in India. Produced one new prototype each two weeks, reducing cost, complexity, and power use, while increasing durability and brightness.

8 person team

NOTABLE MENTIONS

Speaker Source Conf Seattle 2015
"Getting the data out using social media"

Co-founder Foundry Idea Testing (FIT)
Entrepreneurship intensive. Olin's first wintersession.

Eagle Scout Troop 100