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NICK FRANCISCI
Software & Web Developer

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OBJECTIVE

To build products that foster healthier lives

EXPERIENCE

Pillpack (Amazon) | Somerville, MA
PRESENT S. JULY 2017
Software Development Engineer II
Engineering owner of drug catalog, inventory, purchasing, receiving, and costing systems.

AthenaHealth | Watertown, MA
2016 JUNE – AUG
Development Intern
Designed and developed web tool for printing medical claim appeals

Grove Labs | Somerville, MA
2015 JUNE – AUG
Software Fieldhand
Developed customer-facing, mobile-first features for controlling household aquaponic systems

Olin College | Needham, MA
JAN – MAY
Course Assistant for Computer Networks

iD Tech Camps | Washington, DC
2014 JUNE – AUG
Instructor: Programming & Game Design
Taught Java and game/level design for ages 7-17

Olin College | Needham, MA
JAN – MAY
Course Assistant for Software Design

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

Catalog Rewrite Program | Pillpack
PRESENT S. SEPT 2018
Engineering Owner (Tech Lead) & PM
4 person team
Researched, architected, and led a cross-team (multiple engineering & ops teams) revamp of prescription, catalog, and inventory systems to reduce the rate of Pillpack's overall quality errors by 20-25% and enable critical compliance, growth, and quality projects across Pillpack

Auto Vial Filling Workflow | Pillpack
2018 JAN – MAR
Engineering Owner & PM
1 person team
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.

Brightbox | Olin College
2017 SEPT 2016– MAY 2017
Engineering/Manuf Subteam Lead
8 person team
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

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