Nick Pesce

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EDUCATION

MAY 2019	**University of Maryland**, College Park	University Honors Program	GPA: **3.92** Bachelors of Science in COMPUTER SCIENCE Bachelors of Science in MATHEMATICS

WORK EXPERIENCE

SUMMER 2017 — Software Engineering Apprentice at SOFTHEON, Stony Brook, NY
Healthcare SaaS Company
Completely redesigned and recreated the Knowledge Management System. Worked with software engineers and project managers to surpass the requirements and create a production ready product in 10 weeks. Used Angular 4, NodeJS, and Softheon's proprietary database system.

FEBRUARY 2017 — MAY 2017 — Computer Intern at BOOKHOLDERS, College Park, MD
Textbook Rental Company
Created and migrated Linux and Windows servers used for internal operations. Prepared and installed PoS Raspberry Pis. Changed VM storage system to GlusterFS.

SUMMER 2015 & SUMMER 2016 — I.T. Summer Help at SMITHTOWN SCHOOL DISTRICT, Smithtown, NY
Worked closely with people from 14 schools to image over 800 computers.

PROJECTS

FEBRUARY 2017 — CURRENT — DINEZEN — ☉ DinezenApp
Created a mobile application for the University of Maryland's dining halls. A NodeJS backend scrapes the online menu to retrieve daily menu items and nutritional information. Users can filter the menu and find foods that meet their dietary needs.

APRIL 2017 — PLACES — ☉ nickpesce/places
Created an interactive website for making crowd sourced pixel art. Used NodeJS, Bootstrap, MongoDB, and Socket.io.

FALL 2015 — CURRENT — NEOPIXELS — ☉ nickpesce/Neopixels-2.0
Created an app suite to control LED strips with a Raspberry Pi. Used Python with Flask, Bootstrap, API.AI, Android SDK, and Java. Apps include a website, TV backlight, Google Assistant service, and an android app with widgets, automation, and music visualization.

JULY 2014 — JUNE 2015 — SUPER MAGICAL LOVE PARTY — ☉ nickpesce/SuperMagicalLoveParty
Designed and implemented an online multiplayer non-violent battle game from the ground up using only Java and its standard libraries.

LANGUAGES & SKILLS

Languages: Java, Python, JavaScript, Typescript, Angular 4, C, Ruby, OCaml, HTML, CSS
Tools: Linux, Vi, Git, TFS, Eclipse, Android Studio

ACTIVITIES

- Organize logistics for the Bitcamp hackathon