

NICHOLAS J. VIRAG

23526 E Newell Cir ~ Farmington Hills, MI ~ 48336
nick@nickv.co ~ www.nickv.co ~ 313-870-8402

EDUCATION

BACHELOR'S OF SCIENCE IN COMPUTER SCIENCE *Graduated May 2017*
LAWRENCE TECHNOLOGICAL UNIVERSITY, Southfield, MI

- Co-authored a research paper on estimating photometric galaxy redshift via machine learning. Built machine learning platform with Python 3, scikit-learn, and Jupyter
- Served as executive board member and scholarship chair of LTU Alpha Sigma Phi
- Graduated Cum Laude honors with a 3.43 cumulative GPA

WORK EXPERIENCE

SOFTWARE DEVELOPER *Spring 2017 - present*
WARYMARK, Detroit, MI

- Developed main web-based video production product with other team members
- Often responsible for core feature development, sometimes working under tight deadlines to build and ship quality code quickly
- Tools used: Python & Django, Javascript ES6 & React, PostgreSQL, Jenkins

PROJECT MANAGEMENT & SOFTWARE DEV INTERN *Summers 2013 - 2016*
DETROIT LABS, Detroit, MI

- Developed a multiplatform social networking app alongside other interns
- Interacted directly with clients, ran SCRUM meetings, operated a Kanban board
- Practiced Agile development, test-driven development, and paired programming
- Tools used: Ruby on Rails, MySQL, Node.js, MongoDB, Jira, Java on Android

SOFTWARE DEVELOPMENT INTERN *Spring 2015*
TRENDALA INC., Troy, MI

- Designed and developed features for Trendala's main product, a social shopping app
- Tools used: AngularJS, HTML, CSS, Javascript, JQuery, Phonegap, Git & Github, Trello

ADDITIONAL WORK EXPERIENCE: Assistant Robotics Instructor at Wayne State University, 2011

AWARDS & RECOGNITION

BEST HACK FOR DEVELOPERS, 1517 GRANT, & BEST TWILIO HACK

- Designed and developed *SSH 4 SMS*, an SMS system for remote system administration
- Awarded Best Hack for Developers, 1517 Grant, and Best Twilio Hack at MHacks: Refactor

CALHACKS BEST MOBILE HACK & TOP 10 FINALIST

- Designed and developed *Parcelly*, an Android app for crowdsourced package delivery
- Awarded Best Mobile Hack and top 10 finalist against 1800 competitors at CalHacks 2014

E3 COLLEGE DEV TOP 5 FINALIST

- Developed *Paper Dream* game with Lawrence Tech student group Infinite Machine
- Entered the game in E3's 2014 College Game Dev Competition
- Placed top 5 overall and Infinite Machine presented at E3 2014 in Los Angeles, CA

ADDITIONAL AWARDS & RECOGNITION: GlobalHack Semi-finalist, HackDPL 2014 Second Place