

Galileo Daras

Software Engineer

Contact

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About

Passionate about programming, with 7+ years of programming experience in various fields and languages. Strives for code quality to support collaboration amongst peers/co-workers. Extensive experience with Java, Ruby, Golang, and server resource management. Always eager take on an interesting challenge or learn new ways to write better code.

Profiles

LinkedIn

Galileo Daras

GitHub

HowardStark

Keybase

coffee

Work

Bot Provoking

April 2017 — Present

Programming Co-Captain

<https://github.com/roboticsteam4904/>

Co-captain of the programming sub-team on the Bot Provoking FRC robotics team. Lead other students and taught programming courses to new team members, set up a program for outreach to help other teams who don't have the same skills.

HIGHLIGHTS

- Developed open-source real-world path generation library (Java)
- Built modular autonomous navigation platform

SideReel

May 2017 — July 2017

Software Developer Intern

<https://sidereel.com/>

Built data aggregation tools (crawlers) to improve content accessibility. Began development on ground-up rebuild of site.

HIGHLIGHTS

- Created reverse engineered and created documentation for Netflix API
- Led development on rebuild of site

Ottopress Co.

June 2016 — May 2017

Founder

<https://ottopress.co>

Created a Home Automation/Internet of Things platform with hardware (microcontroller) and software components.

HIGHLIGHTS


- Custom voice activity detection algorithm
- State-of-the-art technology for indoor localization (Using WiFi CSI)
- Android app with custom extensible and secure plugin framework

Swap

May 2015 — January 2016

Senior Software Developer

Worked on developing technologies for instantaneous targeted contact sharing on Android and developing CMS and project management tools to manage all facets of the backend.

Skills	Backend Web Development	Frontend Web Development
	<ul style="list-style-type: none"> • Ruby on Rails • Golang • PHP • Node.js 	<ul style="list-style-type: none"> • Vue.js • React • JavaScript (ES2016) • SASS
Education	Networking	
	<ul style="list-style-type: none"> • Nginx/Apache2 • Protobuf • DNS 	
Awards	The Nueva School	
	<p>August 2011 — May 2017</p> <p> Middle School/High School</p> <p>Courses</p> <ul style="list-style-type: none"> • CS301 - Advanced Programming • PHYS301 - Modern Physics • ECON240 - Applied Game Theory • MUS240 - Steel Drums 	
Volunteer	Caroline D. Bradley Scholarship	
	<p>by INSTITUTE FOR EDUCATIONAL ADVANCEMENT</p> <p>Awarded July 2014</p> <p>Selected for full scholarship to attend any school based solely on academic merit.</p>	
Languages	Best Overall App (1st place)	
	<p>by AT&T HACKATHON</p> <p>Awarded December 2016</p> <p>Built a working prototype for crowd-sourcing train location in less than 24 hours. By the end, had a Raspberry Pi running beacon software written in Ruby, and an Android app.</p>	
Interests	The Nueva School	
	<p>February 2017 — May 2017</p> <p>Guest Lecturer http://nuevaschool.org/</p> <p>Taught a course for middle schoolers on advanced computer science concepts, beginning with object oriented programming and touching upon functional programming, algorithmic complexity, and Android app development.</p>	
Interests	ENGLISH	FRENCH
	Native speaker	Fluent/Second Language
Interests	MANDARIN CHINESE	
	Proficient	
Interests	Food	Music
	<ul style="list-style-type: none"> • Coffee • Traditional Chinese Dishes • Meat Dishes 	<ul style="list-style-type: none"> • Steel Drums • Piano