

# Armand Agopian

Computer Science

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## EXPERIENCE

**Founder, Captain,  
Programming Lead,  
Lead Mentor,  
IT Manager**

Aug 2016 - Present

### FIRST ROBOTICS COMPETITION

- Founded and lead the DVHS robotics team to participate in the worldwide competition at UC Davis
- Lead a team of 40 to creating a 135lb robot in 6 weeks to complete FRC objectives
- After graduating, I returned to the team as lead mentor, primarily managing student programmers and website designers
- Set up and managed the organization's GSuite for Business accounts, Slack, and Github, as well as maintain relationships with Google and Apple for team sponsorships.

**Scoutmaster**

Sept 2009 - Present

### BOY SCOUTS OF AMERICA: ARMENIAN SCOUTS

- Lead overall operation for troop of 28 scouts
- Took charge of troop meetings, of the patrol leaders' council, and of all troop activities
- Responsible for annual planning, conferences, and conduct troop leadership training.
- Presided over the patrol leaders' council and worked closely with each patrol leader to plan troop meetings and make

## EDUCATION

**Computer Science, B.S.**

Sept 2019 - Present

**UNIVERSITY OF CALIFORNIA, SANTA CRUZ**

Santa Cruz, CA

**Computer Science, B.S.**

Aug 2017 - May 2019  
3.772 GPA

**DIABLO VALLEY COLLEGE**

Pleasant Hill, CA

Data Structures and Algorithms  
Advanced Programming with C++  
Multivariable Calculus

Assembly x86  
Object Oriented C++  
Discrete Math

## PROJECTS

**AR Pokedex**

Android, Java, TensorFlow,  
Firebase

Identifies Pokemon with TensorFlow ML served through Google Firebase and returns information with an AR app.  
*Source coming soon*

**DVHS Robotics  
Website**

HTML, JS, CSS, Bootstrap

Website for my high school robotics team, written with Material Bootstrap.  
<https://dvhsrobotics.org>  
[github.com/DVHSRobotics/Robotics-Website](https://github.com/DVHSRobotics/Robotics-Website)

**[WIP] Nayiri**

Flutter

A dictionary app written entirely with Flutter SDK that connects Armenians around the world by helping define and translate Armenian words into English and French.  
[github.com/AGithub457/Nayiri](https://github.com/AGithub457/Nayiri)

## ABOUT

I am a 20-year-old Armenian-Romanian studying computer science, with a passion for developing Android apps and exploring hardware. I build robots for competitions and for home assistance in my spare time. Solving everyday problems with smart devices built from Arduino and Raspberry Pi is something I love. Most of all, though, I take pride in mentoring my robotics team and scout troop.

## SKILLS

### Spoken Languages

English - Native  
Armenian - Native  
Romanian - Native  
Italian - Intermediate

### Computer Languages

Java/XML/Kotlin/Gradle/Flutter  
Tensorflow  
C++/SQL  
Python/R  
HTML/CSS/Javascript  
Photoshop/Illustrator  
Google Cloud Engine/Firebase  
Kubernetes/Docker

## REFERENCES

**Terry Palmer**

Computer Science and Robotics Teacher  
[tpalmer67@gmail.com](mailto:tpalmer67@gmail.com)  
(209) 814-6390

**Christian Kassab**

Previous Scoutmaster  
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