**MARIO JAYAKUMAR**

8 Airdale Drive, Kendall Park, NJ 08824

609-865-4142 | mario.jayakumar@gmail.com

<https://mariojayakumar.com/>

**INTERESTS**

Software Development, Augmented Reality, Machine Learning, Web Development

**EDUCATION**

**University of Maryland, College Park**

*Bachelor of Science, Computer Science* May 2020

Current GPA: 3.6

**Sophomore**

**RELATED COURSES**

Multivariable Calculus, Linear Algebra**,** Computer Systems, Intro Data Science

**SKILLS**

Languages: Java, Pascal, C#, Python, R, Assembly, C, Ruby, OCaml

Development Environments: Android, Microsoft Hololens, Web

**INTERNSHIPS**

Vigilant Technologies (June 2017 – August 2017)

Learned ERP Development with Oracle Fusion. Documented Oracle Fusion software and researched Oracle Fusion Cloud topics to create new templates for Oracle Fusion.

Reference: dseturam@vigilant-inc.com

Knomadix (July 2017)

Tested and documented bugs with a team for NumberSense on iOS. Ran different tests on each release of the app and then documented and reported the bugs to the development team.

**ACHIEVEMENTS**

Published Visual Chemical Balancer (Android)

Balances chemical equations and provides mathematical step by step solution

Twitter Sentiment Graph (Python)

Uses Python sentiment analysis to scrape any twitter user’s timeline and provide a graph of positive or negative emotion per tweet, over the last year.

Sirona (Android, Web, Amazon AWS)

Mobile app that records doctor’s speech while examining patient, then uploads relevant patient information to website where doctor can view all patient data at once

**INVOLVEMENTS**

Augmented Reality Club (Web Development Team, Leadership Team) (2016-2017)

Developing an augmented reality application in Microsoft HoloLens, in which user controls bike which maps to surfaces in room, using native Hololens Spatial Mapping.

Helped create website for AR Club, additionally building web app to teach AR to new members, by allowing members to test out code from website.