Ivana Wakidi

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EDUCATION

- **The University of Maryland, College Park** — College Park, MD
  Bachelor of Science in EECS — *December 2019*
  - **Relevant Coursework:** Object-Oriented Programming I & II (Java), Data Structures, Algorithms, Discrete Structures, Computer Systems, Computer Organization, Organization of Programming Languages, Digital logic, Digital Circuits & Systems Lab, Electric Circuits, Electronic Circuit Design Lab, Elements of Discrete Signal Analysis, and Signal and System Theory

SKILLS

- **Programming Languages:** Java, C, C#, HTML, CSS, JavaScript, Swift, Ruby, OCaml, Rust, and Python
- **Softwares & Technologies:** Android Studio, Eclipse, Git, Xcode, AutoCAD, PSpice, MATLAB, MongoDB, Node.js, Microsoft Office, Microsoft Visual Studio, Adobe Photoshop, Adobe Premiere, Adobe Lightroom, and Final Cut Pro X
- **Languages:** Proficient in Bahasa Indonesia and French

WORK EXPERIENCE

- **Intern for Segami Corporation** — Columbia, MD
  Software Engineer — *June - August 2019*
  - Created 65 statistical programs using C# to prove functions in Segami's various nuclear imaging libraries work as expected using Visual Studio Unit Tests
  - Designed and programmed an artificial heart and thyroid to test the cardiovascular and endocrine library functions
  - Documented test design specification detailing the approaches and different cases to test

- **Intern for The Embassy of Indonesia** — Washington, D.C.
  Web developer for consular services — *July - August 2018*
  - Developed a Node.js web application that records 50 employee's US Visa details into a database using MongoDB
  - Integrated email notifications for employees whose US Visa expires within two months using weekly scheduled crontab that ran a Python script
  - Prevents diplomatic conflicts with U.S. government regarding Indonesian diplomats with expired visas
  - Deployed web application on AWS ECB2 for consular services employees to use

- **Intern for Marika Meyer Interiors** — Bethesda, MD
  Web administrator and assistant — *June - August, 2012 -2017*
  - Created Marika Meyer Textiles website using HTML and CSS to showcase her collection using HTML and CSS
  - Managed both the Marika Meyer Interiors website and the Textile website weekly
  - Posted projects and photos and keep online information up to date
  - Resolved all technical issues; including software and hardware

PROJECTS

- **Flock - Capstone Design Project; Electric Bikes** — College Park, MD
  Bike Fleet Tracking — *March - May 2019*
  - Built a module to accurately track and report GPS locations of a bike fleet at UMD using the LinkIt One Iot that periodically sends data to Firebase database via GSM
  - Developed an intuitive web application using Node.Js to view data in realtime and allows users to control bike setting

- **SnapLingua - PennApps XVI** — Philadelphia, PA
  Educational iOS Application — *September 2017*
  - Change the way users learn languages in a natural manner through capturing a photo of an object, which is then translated to the chosen language using Swift, Google Platform Cloud Vision API, and Google Translation API

LEADERSHIP

- **Bitcamp Hackathon Organizer** — College Park, MD
  Logistics mini-events and marketing coordinator — *January 2016 - 2018*
  - Created, posted, and engaged in marketing campaigns and retained new and old hackers by 18%

- **MLH (Major League Hacking) Hackcon V Speaker** — Stroudsburg, PA
  Workshop speaker — *August 2017*
  - Conducted an interactive workshop to help fellow hackathon organizers brainstorm, create, and schedule successful and enjoyable mini-events