

Byron Sogie-Thomas, M.S.

Software Developer with deep health care experience

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## **SUMMARY**

### **SKILLS**

**Programming:** HTML, CSS, JavaScript, React, RESTful APIs, NodeJS, MongoDB, Mongoose, Python, Django, SQL, Postgres, Git/GitHub

**Leadership:** Team/Coalition Building, Critical Thinking, Problem Solving, Communication, Time Management, Advocacy, Public Speaking/Presentation

**Technology Experience:** Full Stack web applications: front end, primarily Javascript and React with HTML and CSS; backend primarily with Python and Django

### **Projects:**

- **Capstone** – App that helps users appreciate hospital utilization and bed availability during the COVID-19 pandemic
- **ParkPass** – Data from a National Park Service API enabled an app that helped users plan trips to national parks and track the experience (team project)
- **TrakCovid** – App that helps users track COVID-19 cases and deaths from around the world
- **Burning Bush** – App that tests users' knowledge of Bible trivia.

### **Health Care Experience:**

- Seasoned health policy and advocacy leader with deep connections in the health sector
- Proficiency with creating and disseminating public policy positions that impact health IT policy, clinical outcomes, care delivery, quality improvement, reimbursement, and public health, across various levels of government
- Working knowledge of the role technology can play in enabling health outcomes
- Keen understanding of legislative and regulatory processes
- Excellent interpersonal skills, within and between organizations, including consensus building and relationship management
- Deep knowledge of the implications of disparities in health outcomes among vulnerable populations
- Well-developed presentation skills, both written and oral
- Leadership and advocacy training experience

## **ACCOMPLISHMENTS**

*Advanced public health research at the intersection of health equity, public policy, and technology (CTIS)*

**Notable:**

*-Stakeholder Policy App*

- o Led research and curation of policy positions in local and state jurisdictions related to the social determinants of health, and prepared the data for presentation in a free downloadable app

*-Publications*

- o Produced blogs and white papers and reports (periodically), covering a wide range of health policy related subjects. Blogs archived here (<http://hprc-info.tumblr.com/archive>)

*-Outreach*

- o Planned and presented at conferences and policy forums, and on radio broadcasts and podcasts, to increase awareness and facilitate dialogue that introduced audiences to their role in influencing any public policy that impacts their health

*Advised physician membership on health policy and government relations questions that impact the practice of medicine and the health status of the patients they serve (NMA)*

**Notable:**

*-Health Information Technology (HIT)*

- o Increased member awareness of HIT provisions in the American Recovery and Reinvestment Act (ARRA) through grant-funded activity and facilitated partnerships to help members meet the HIT requirements in the Recovery Act. (NMA).

*-Advocacy Training*

- o Achieved year over year increase in number of trained member advocates from 2008 through 2012.

*-Policy Beat*

- o Launched Policy Beat, a health policy/advocacy tool, emailed periodically to about 3,000 subscribers.

*-Project Coordination*

- o Direct and material oversight of over \$1,850,000 worth of grant-funded activity, contributing, over time, to the planning and implementation of major health policy outreach designed to train hundreds of healthcare advocates at the state and local level.

*Conducted quantitative and qualitative analyses to answer research questions related to public health (PIRE)*

***Notable:***

-Analyzed data sets that described the day-to-day operation of a workplace managed care (WMC) program that serves the 19,000 employees of a large transportation company that serves over 82,500 passengers every day.

**WORK HISTORY (health care)**

- *CTIS, Inc., Rockville, MD, 2014 - 2018*
  - Deputy Director, Health Policy, Research, and Analysis
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- *National Medical Association, Silver Spring, MD, 2001 – 2013.*
  - Director of Health Policy and Government Relations
  - Health Policy Analyst
  - Health Policy Associate
- *Pacific Institute for Research and Evaluation, Calverton, MD, 1999 – 2001*
  - Research Associate

**WORK HISTORY (other)**

- *General Assembly, Washington, DC, 2021*
  - Fellow, Software Engineering Immersion Program
- *Health Nut, Silver Spring, MD, 2020*
  - Host, Podcast at the intersection of health and politics
- *Robert L. Smith Agency (American Income Life), Rockville, MD, 2019*
  - Agent, Health and Life Insurance (MD, DC, VA)
- *Howard County Public Schools, Columbia, MD, 1999*
  - Substitute Teacher (History, Social Studies, English, Math)

**VOLUNTEER EXPERIENCE**

- *American Public Health Association, Washington D.C., 2008 – present*
  - Section Chair, Health Informatics Information Technology (HIIT) Section, 2019-2021
  - Program Planner, HIIT Section, 2008 – 2019
  - Abstract Reviewer, HIIT Section, 2007 – 2019

## **EDUCATION**

Software Engineering Fellow

General Assembly, Online, 2021

**M.S.** Emergency Health Services

University of Maryland Baltimore County, Baltimore, MD, 1999.

**B.S.** Medical Technology, *cum laude*

Howard University, Washington D.C., 1992.