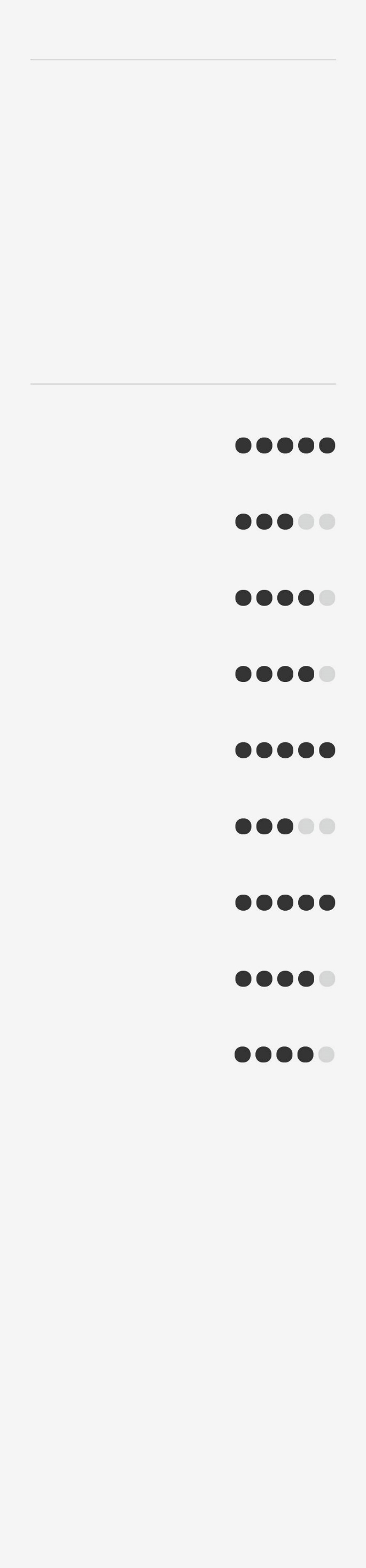
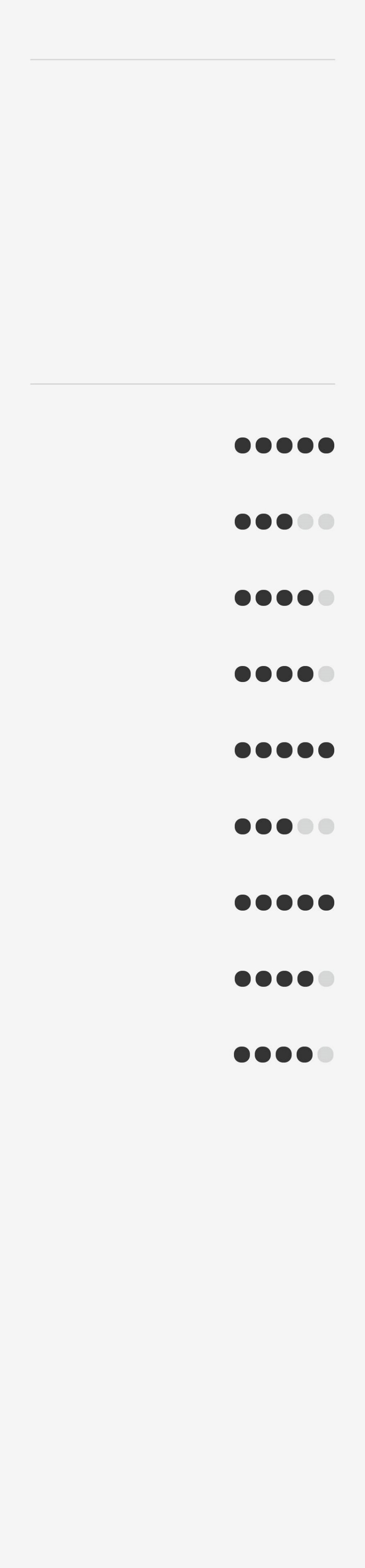
**Derelle Kirksey**

Laboratory Professional / Web Developer



Clinical laboratory professional with a passion for programming. Particularly interested in web development, machine learning and automation. Most comfortable using Python, Javascript.

**Education**



**Aug 2010 -** **Emory University**

**May 2015** B.S., Neuroscience & Behavioral Biology

**Experience**



**Jun 2016 -** **Clinical Lab Technician II**

**present** *Illumina*

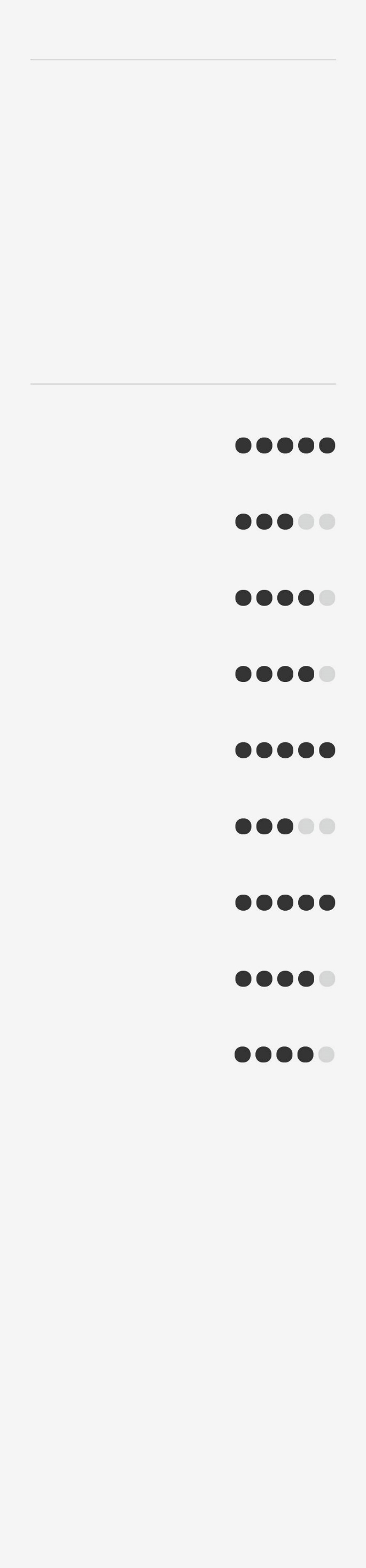
* Used LIMS software to conduct whole genome sequencing and clinical workflows
* Performed sample preparation and routine data analysis using Tableau, Python & Microsoft Excel
* Conducted extraction, amplification, and genotyping of DNA samples in accordance to Illumina’s Infinium Next-Gen Sequencing Assay
* Performed regular maintenance, troubleshooting tasks, and QC of automated liquid-handling robots
* Developed automated process in Python to review sample quantification, built to replace previous manual spot-check process

**Jun 2012 -** **Research Assistant**

**Apr 2014** *Emory Neurology Clinic*

* Monitored sleep patterns using EEG and Remlogic Software
* Analyzed sleep stages, coded memory levels, and reported data to Principal Investigator
* Recruited research participants and screened eligible participants based on preexisting health and sleep conditions
* Conducted experimental procedures in accordance to GCP and HIPAA compliances
* Trained all other research assistants

**Personal Info**

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**Contact**

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**Websites**

Derellekirksey.com

Github.com/citizenSNPs

**Skills**

Python

Matlab

Javascript

NodeJs

HTML & CSS

Java

Next-Gen Sequencing

Statistical Analysis

Relational Databases