

# Sehmon Burnam

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## Work Experience

Engineering Practicum Intern - Google

2016

Python - PyUnit - Distributed Systems

Worked with Google's Technical Infrastructure team developing software for their network. Developed a tool to verify links between data centers by deriving a software model of paths through the network.

*Added 1000+ lines of code to Google's codebase*

*Wrote accompanying design documentation*

*95% total project test coverage*

## Technical Experience

Programming Languages	Technologies
Python	HTML&CSS
Java	Linux
C++	Node.js
Javascript	Git

## Projects

### Potholes

Python - Flask - Bootstrap

*HackBCA II - 3rd Place*

*Intel Code for Good Prize*

*City of New Brunswick Pilot Project*

Potholes is a project developed to help cities manage infrastructure maintenance. Was chosen by Addteq to become a summer pilot project for the city of New Brunswick.

## Awards & Activities

Founder of [HackUC](http://www.hackuc.com) - The first hackathon of Union County Vocational Technical Schools  
[www.hackuc.com](http://www.hackuc.com)

Core organizer of Northwestern's Hackathon: Wildhacks

Co-Director of hackNorthwestern - Teaching Northwestern students fundamentals of Software Development

National Society of Black Engineers:  
Junior Executive Board Programs Chair  
2015-2016

### What Am I Eating?

Android - Mashery API

*HackRU Top 10 Prize*

*Best Use of Mashery API*

"What am I Eating?" uses a barcode scanner to retrieve the UPC from a food item and returns the nutrition facts using the FoodEssentials API provided by Mashery.

### CareSwears

Python - Flask - Bootstrap - Digital Ocean

[www.challengepost.com](http://www.challengepost.com) Staff Pick of the Week

CareSwears is a digital swear jar that uses the Chrome WebKit Speech API to check when you swear, and donates \$0.25 to charity each time.

## Education

Northwestern University  
B.S. in Computer Science  
*2015-2019*