

# Peter Fulton

Software Developer

## Profile

Product Process Engineer at Sumitomo Bakelite and self-taught software developer. Proficient in various web frameworks, languages and systems hardware. I am looking to translate my diverse skill-set and enthusiasm for tech into a full-time software developer position.

## Employment History

### Product Process Engineer at Sumitomo Bakelite North America, Manchester, CT

June 2017 — Present

- Ran SQL commands to extract process line parameter data. Utilized Python to analyze the resultant data and find correlations between different parameters to optimize throughput.
- Implemented a web application in node.js using the express framework with data storage services handled by MongoDB to streamline production paperwork flow. Created REST APIs for users to create new documents and populate rendered html pages with the relevant data.
- Provide prompt and thorough technical service to customers experiencing issues with compression, transfer and injection molding of epoxy and diallyl phthalate resin thermosets. Skilled in root cause analysis and other troubleshooting techniques.
- Modify existing material formulations and verify effectiveness of changes through molding trials to meet customer process optimization needs.

### Researcher at University of Connecticut, Storrs, CT

January 2016 — May 2017

- Characterized the activated sludge basin of the water reclaim facility at the University of Connecticut utilizing aquarium pharmaceutical tests
- Analyzed collected data using Python to investigate correlations between chemical species data at time  $t$  vs  $t+1$ .

## Education

### B.S.E in Chemical Engineering , University of Connecticut, Storrs, CT

August 2013 — May 2017

- GPA: 3.66/4.00
- Minor in Material Science Engineering
- Graduated with honors and Cum Laude distinctions

## References

References available upon request

## Details

860-712-2469

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## Links

[Portfolio Site](#)

[LinkedIn](#)

## Skills

node.js

ReactJS

C++

Java

JavaScript

MongoDB/NoSQL

MySQL/SQL

Python

Wolfram Mathematica

Computer Systems