

BRENDAN K. OCONNELL

Software Engineer

CONTACT INFO



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bkoconnell.github.io

EDUCATION

B.S. Computer Science

Southern New Hampshire University

2018 - 2021

SKILLS

Platforms

Linux
Windows
AWS Cloud

Programming Languages

Python
Java
C++
JavaScript / TypeScript
HTML / CSS
SQL
NoSQL

Tools

MS Office Suite, Visual Studio,
Eclipse, Git, Docker, Node.JS,
Express.JS, Angular.JS,
MongoDB, Mongoose ODM,
Robo 3T, OpenGL, DynamoDB,
AWS Lambda & API Gateway

SUMMARY

Ambitious computer science graduate with a passion for software development.

Highly regarded as a self-motivated team player with exceptional attention to detail and assertive communication skills.

PROGRAMMING BACKGROUND

- Educated in object-oriented programming, Agile methodology, Scrum processes, version control tools, client/server development, CRUD operations, containerization, AWS cloud development, MEAN full-stack, MVC architecture, RESTful APIs, SPAs, and both SQL & NoSQL databases
- Comfortable employing basic algorithms and common data structures for developing effective computer programs and software testing.
- Knowledgeable with object-oriented analysis & design concepts including functional, structural, and behavioral models as well as UML diagrams.

PROFESSIONAL EXPERIENCE

Plan Production Control Specialist

❖ Apr 2018 – Jul 2020

Raytheon Technologies

- February 2020: Promotion to Production Control Specialist II
- PC lead for QEWR program's Integral Cabinet assemblies & material reports
- Daily collaboration with cross-functional support team in high-pressure situations to troubleshoot production floor issues, solve unforeseen problems, and make critical adjustments to meet strict contract dates.
- Stepped in as PC lead for all Integral Cabinet field returns; developed daily build schedule with Ops and IPT departments to triple product throughput and clean up backlog for a high priority customer.

Production Planner / Controller

❖ Oct 2012 – Jul 2020

Gentex Corporation

- Launched the "Boston Planning Report" tool in Excel for the Ops team to track vital metrics such as finished goods revenue and on-time deliveries.
- Facilitated weekly planning meetings, defined priorities, identified improvement opportunities, and assigned action items to team members.
- Key member of customer-focused team that improved customer OTD from 45% to 94% by methodically analyzing the customer backlog, production backlog, and raw material availability.
- Kaizen Project Team Lead: addressed bottleneck operation, streamlined processes by implementing single piece flow, reduced scrap and rework by eliminating waste for cost reduction, and increased operational throughput by 80%