

# Markus Peterson

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## EDUCATION

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**Indiana University**, Bloomington, IN

Graduated December 2020

*Bachelor of Science in Computer Science*

- Specialization: Software Engineering

Cumulative GPA: 3.06 / 4.00

**Ivy Tech Community College**, Bloomington, IN

Graduated May 2018

*Associates of General Studies*

Cumulative GPA: 3.00 / 4.00

## WORK EXPERIENCE

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**Tutor Computer Science Students**

January 2020 – January 2021

- Answer questions and assist in the learning of C and Java for classmates and students studying artificial intelligence and distributed systems.

**Ivy Tech Bloomington ASAP**, Bloomington, IN

May 2018 – December 2019

*Director's Assistant*

- Recruit high school juniors and seniors for the Associates Accelerated program (ASAP).
- Organize class schedules for all current students to ensure they complete the program and get their associates degree in eleven months.

## TECHNICAL SKILLS

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**Languages:** Java, C, Python, C#

**Platforms:** Microsoft Windows, macOS, Linux

**Databases:** Microsoft Access, PostgreSQL, Redis

**Web Development:** JavaScript, HTML, CSS, ReactJS, ThreeJS

## ACADEMIC PROJECTS

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**Software Engineering**

Fall 2020

- Followed an agile process for full-stack development to create and deploy a job portal application with a project team.

**Distributed Systems**

Spring 2020

- Use python to look at both distributed computing fundamentals, and to study the design of popular distributed systems.

**System Programming with C and Unix**

Fall 2019

- Learned dynamic memory allocation using pointers to reduce memory usage.

**Data Structures and Algorithms**

Fall 2019

- Studied algorithms, computing problems, and techniques for operating on data structures.