

# BHOAMI KHONA

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Github: <https://github.com/bhoamikhona> | LinkedIn: <https://www.linkedin.com/in/bhoami-khona/>

Portfolio Website: <https://bhoamikhona.github.io/bhoami-khona-website/>

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## EDUCATION

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### Bachelor of Software Engineering

Graduation: August '20

Samuel Ginn College of Engineering,  
Auburn University

Auburn, AL, US

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## SKILLS

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|--------------|---------|------------|-------------|----------------|-------------|
| Python 3     | HTML 5  | CSS 3      | Bootstrap 5 | Javascript ES6 | jQuery      |
| Command Line | Node.js | Express.js | API         | Git            | GitHub      |
| EJS          | SQL     | MongoDB    | Mongoose.js | RESTful API    | Passport.js |
| React.js     |         |            |             |                |             |

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## EXPERIENCE

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### Software Developer

August 2021 - June 2022

Freedom Mortgage Corporation

Moorestown, NJ, US

IT First Flyer Program (A Competitive Rotational Program to gain experience and broader knowledge across multiple IT areas, including Machine Learning, UX, and UAT.)

*Python, NumPy, SciKit, Keras, Pandas, Tensorflow, Matplotlib, Jira, Confluence, Agile, InVision*

- Machine Learning Software Developer for Document Automation
  - Assisted in building a document automation application that can automatically classify, rank, align, and extract required data points.
  - Extensively participated in data science aspects such as data understanding, feature engineering, building production grade ML classification models, and BERT based deep learning models for key-value extraction across all document types.
- User Acceptance Testing (UAT)
  - Performed regression tests by creating loans for use to ensure overall stability, and functionality of the existing features of the software along with testing newly released features.
  - Documented issues encountered during testing by taking print-screens, documenting steps to recreate issues, and working with subject matter experts to identify criticality and severity of the issue while working in Agile Software Development Cycle.
  - Maintained a log of the number of data tested, number of passes, number of fails, number of defects identified, type of defects, and the severity and frequency of every defect.
  - Actively participated in project meetings and discussions.
- UX Researcher
  - Researched “Loan Purchase Experience” and “Bulk Acquisition” from UX point of view.
  - Supported in creating a journey map for Loan Purchase Experience using InVision.

- Authored a research paper about Loan Purchase Experience by evaluating customer reviews on UserTesting.com and Verbatims. This paper was focused on difficulties faced by customers while purchasing a loan.
  - Investigated and drove root cause analysis on multiple customer issues by interviewing multiple interdepartmental authorities to understand what were some of their difficulties when they were trying to help the company's clientele.
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## **Web Developer & Content Specialist**

**September 2019 - August 2021**

Auburn University, College of Agriculture,  
Communications & Marketing Department

Auburn, AL, US

*HTML 5, CSS 3, Bootstrap, Javascript ES6, WordPress*

- Led, designed, built, and maintained multiple Web Development and Content Maintenance projects by gathering requirements and finalizing with different stakeholders like Director of Communications and Marketing Department and drove them to the finish line including but not limited to:
  - Events Websites which displayed information about various event happening on campus in relation to College of Agriculture
  - Nonprofit Websites such as [Alabama Water Watch](#) (AWW) and [Global Water Watch](#) (GWW).
  - Informational Websites which displayed information about faculties of 8 different agriculture departments to update their information on the website. Information such as their research, achievements and more along with the educational programs offered by the university.
- Reviewed project specification and devised solutions for use across multiple websites.