Aubin Lohier

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PROGRAMMING SKILLS

- **Languages**: Python, Java, C/C++, Javascript/React/jQuery/TypeScript, SQL, Hack/PHP

- **Technologies**: Android Application Development, Git Version Control, UNIX/Linux, Firebase, Parse, Google Cloud Platform, HTML/CSS/Angular, Java Server Pages, Electron Framework, JUnit Testing, Node.js

EDUCATION

- **The Johns Hopkins University** <div align="right">Baltimore, MD</div>
  Bachelor of Science in Computer Science <div align="right">*Aug. 2017 – May 2021*</div>
  - **Relevant Coursework**: Artificial Intelligence, Parallel Programming, Infromation Retrieval and Web Agents, Introduction to Human Language Technology, User Interfaces and Mobile Applications
  - **Distinctions**: JHU Association for Computational Machinery Secretary (2018-2019),Events Chair (2019-2020), and Vice Chair (2020-2021), Bloomberg Scholar, HopHacks Fall 2019/2020 Organizer, Invited to attend the STAQ Quantum Computing Conference at Duke University

EXPERIENCE

- **Facebook** <div align="right">Remote</div>
  Software Engineering Intern <div align="right">*May 2020 - August 2020*</div>
  - **Program Summary**: Designed, developed, and implemented features to support a smart human labeling platform with strong support for machine learning. Worked as a full-stack engineer with a focus in React, GraphQL, and Hack/PHP.

- **Facebook** <div align="right">Menlo Park, CA</div>
  University Engineering Intern <div align="right">*June 2019 - August 2019*</div>
  - **Program Summary**: Designed, implemented, and developed an Android mobile application as part of team (**local.ly**) after being trained in Android development. Used the Google Places/Maps API, Twitter API, and the open source Parse platform.

- **ForagerOne, LLC** <div align="right">Baltimore, MD</div>
  Core Developer <div align="right">*Dec. 2017 - Feb. 2019*</div>
  - **Backend**: Worked on the backend functionality for the faculty side of the server (MySQL). Helped remodel database infrastructure for a more intuitive layout and issue fixing.
  - **Frontend**: Focused on user interface enhancement. Helped redesign several core web pages, including the project application page, messaging page, and the application email.

- **Google CodeU** <div align="right">Baltimore, MD</div>
  Student Participant <div align="right">*May 2018 - Aug. 2018*</div>
  - **Program Summary**: Collaborated with a team of 3 peers to design and implement a web application using Java and JavaScript, leveraging various Google Cloud Platform APIs, including App Engine and Datastore.
  - **Industry Skills**: Learned and followed industry best practices such as: contributing to open source software, conducting regular code reviews with/for teammates, extending an existing codebase, designing new components and interfaces and leading them to completion.
  - **Project Role**: Created a webpage that was able to gather information across the website and allowed users to view this information in one place, such as new users joining the site and ongoing conversations the user has. Also worked on specifically looking for user mentions and designing a webpage that lists user mentions.

- **Research** <div align="right">Baltimore, MD</div>
  Laboratory Intern at Johns Hopkins University <div align="right">*May 2018 - Aug. 2018*</div>
  - **Research Summary**: Focused on Machine Learning Python concepts to tests microchips while working with Dr. Andreas Andreou. Awarded ECE Summer Fellows Fellowship.

RECENT PROJECTS

- **local.ly**: Worked with a team to design and implement a location-based ads app that fosters and enhances community development by allowing users to view events going around near them and post events that they host for other nearby community members to participate in. https://github.com/zuckyskidz/team_project/