Luke M. **Lewis**

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Education

University of California, Santa Barbara   *Santa Barbara, CA*
BS IN COMPUTER SCIENCE   *Jun 2021 (Expected)*
  GPA: 3.72 cumulative
  ESTEEM Scholar (Enhancing Success in Transfer Education for Engineering Majors)

RELEVANT COMPLETED COURSEWORK
  Data Structures & Algorithms, Computer Architecture & Organization, Operating Systems, Computational Science, Automata & Formal Languages, Hardware/Software Interface, Software Design Patterns, Android Programming

Experience

Montecito Bank & Trust   *Goleta, CA*
SOFTWARE DEVELOPMENT INTERN   *May 2018 – Apr 2019*
- Fixed bugs and implemented enhancements to the bank's website and content management system, which uses the ASP.NET MVC framework and languages which include C#, HTML, CSS, JavaScript, and SQL.
- Utilized DocuSign's API to integrate it into the CMS UI for quicker access to important bank documents.
- Built a proof-of-concept credit checker tool powered by Experian's API and ASP.NET, with the goal of streamlining the bank's credit offer and decision-making process.

Santa Barbara City College Film & TV Department   *Santa Barbara, CA*
OFFICE ASSISTANT   *Oct 2017 – May 2018*
- Streamlined a key office task of checking out film gear to students by writing and maintaining a python script (see projects).

Skills

Programming Languages: Python, Javascript, HTML, CSS, C++, Java, SQL
Frameworks & Tools: React, ASP.NET, Express Node.js, NumPy, Git

Projects

Film Department Web App - In progress   *React, Node.js, MySQL*
PROOF-OF-CONCEPT WEB APP
- Aimed to serve students and staff in a school's film department
- Students will be able to create accounts and see department news and updates.
- Will have a gear reservation service for students to request the department's gear to use for their film projects.

Reservation Simplifier   *Python*
PYTHON SCRIPT
- Parses html files for keywords relevant to student film gear checkouts, and creates an html output form based on a template, ready to be printed and used by staff.

Top Songs by Year   *Java, Android Studio*
ANDROID APPLICATION
- Uses billboard.com's API to show the billboard top 100 songs of user selected year in a custom list-view with corresponding images.

Awards

2019   **ESTEEM Scholarship**, Inducted into UCSB's ESTEEM program (Enhancing Success in Transfer Education for Engineering Majors) as a transfer student from Santa Barbara City College.   *UCSB ESTEEM*

2019   **Laurie Converse Scholarship**, Given to top Santa Barbara City College scholars in STEM who are transferring to 4 year institutions   *Laurie Converse*