

# FORREST BURTON

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## EDUCATION

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<b>B.S. in Computer Science</b>	<b>University of California, Los Angeles</b>	<b>Expected: June 2023</b>
<ul style="list-style-type: none"><li>• Cumulative GPA: 3.78/4.00</li><li>• Upsilon Pi Epsilon - CS Honor Society member</li><li>• 5x Dean's Honors List</li></ul>		

## EXPERIENCE

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<b>Incoming SWE Intern – Closed Loop Engineering</b>	<b>Summer 2021</b>
<b>Frontend Developer – Creative Labs</b>	<b>Spring 2021</b>
<ul style="list-style-type: none"><li>• Developer for a student organization promoting self-expression through technology and design</li><li>• Led the technical development of <a href="#">e-motion</a>, a digital piece exploring the concept of emotion</li></ul>	
<b>Computer Science Instructor – The Coding School</b>	<b>Summer 2020</b>
<ul style="list-style-type: none"><li>• Taught students computer science fundamentals in a variety of languages</li><li>• Designed engaging problems and activities to promote educational growth</li></ul>	

## PROJECTS (SEE MORE ON [GITHUB](#))

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<b>E-motion</b>   Typescript, p5.js, HTML/SCSS	<b>Spring 2021</b>
<ul style="list-style-type: none"><li>• Utilized <b>creative programming</b> to construct a digital piece exploring the concept of emotion</li><li>• Designed interactive backgrounds, architected scene layouts, implemented story navigation</li><li>• Practiced the <b>software development life cycle</b></li></ul>	
<b>Activ</b>   React.js, HTML/CSS, Firebase	<b>Fall 2021</b>
<ul style="list-style-type: none"><li>• Led the development of a social media <b>Web App</b> built with React.js</li><li>• Implemented authenticated login, interactive video feed, video upload forms</li><li>• Designed UI utilizing Ant Design</li></ul>	
<b>StudyD8</b>   Java, XML, Firebase	<b>Summer 2020</b>
<ul style="list-style-type: none"><li>• Led the development of an <b>Android App</b> for studying</li><li>• Utilized data verification to implement user authentication and client-side login</li><li>• Stored and processed user data to generate user matches</li><li>• Developed a search feature to help users find universities and classes</li></ul>	

## COURSEWORK

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**Computer Science:** Data Structures and Algorithms, Algorithm Design, Distributed Algorithms and Blockchain, Operating Systems, Computer Architecture, Object Oriented Programming  
**Math:** Linear Algebra, Discrete Math, Multivariable Calculus

## SKILLS

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**Programming:** Python; C/C++; JavaScript; Java; Typescript; HTML/CSS  
**Technologies:** React.js; p5.js; Git; GitHub; Bash; Firebase; Linux; Node