

Welcome!

Why are we here?

Washington University in St. Louis

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• Introduce formalism as a useful tool

Make curricular materials available for use

 Accessible to first-year students



Getting Started

· Form groups of 2 to 3 individuals

Navigate to the following URL:

rogerchamberlain.github.io

- Need one laptop with software installed, instructions on website
 Copy files from 'Arduino' on thumb drive to 'Arduino' on laptop
- Scroll down to "Workshop Schedule"
 - Click on link for Studio A
 - No need for physical construction first, go to "Programming the Arduino" $% \left({{{\rm{A}}} \right)_{\rm{A}}} \right)$
 - Return to "Assembling the Arduino Board" before Studio B

Studio A "Hello world!" and Finite-State Machines

≇ Weshington University in St.Louis



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Schedule	
• 3:00 – 3:20	Introduction
• 3:20 – 4:10	Studio A – Finite-state machines
• 4:10 - 4:30	Break
• 4:30 - 4:50	Presentation of curricular materials
• 4:50 - 5:40	Studio B – Delta timing and emulating crickets
• 5:40 - 6:00	Discussion, Q&A, Feedback, Wrap-up
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