

## Student Email Verification

- Must end in purdue.edu
  - o Substring check
  - o Can send email to purdue.edu email to be confirmed by user

## Options

- Web crawler + web scrape the Purdue directory for emails
  - o Would need to learn how to create a web crawler
    - <https://www.cloudflare.com/learning/bots/what-is-a-web-crawler/>
    - <https://www.octoparse.com/blog/what-is-a-web-crawler-and-how-does-it-work-at-your-benefit>
  - o Need to add scraping capabilities to web crawler
    - [https://en.wikipedia.org/wiki/Web\\_scraping](https://en.wikipedia.org/wiki/Web_scraping)
  - o Overhead would be substantial in terms of learning curve, no guarantee it would work with Purdue Directory. Likely violates Purdue Directory terms of use – would have to confirm this. Could request email list from ITaP
    - <https://www.itap.purdue.edu/email/index.html>
- Create a verification link to be sent to purdue.edu email
  - o Would need to use another service to send the emails – not feasible to build out an email server
    - Mail Chimp: <https://mailchimp.com/help/create-an-automated-welcome-email/>
    - **EmailJS:** <https://www.emailjs.com/>
      - Easiest to set up with JS projects, and React Native
  - o Would need to set up 3<sup>rd</sup> party to send emails. Learning curve but less time consuming.

## EmailJS

<https://www.emailjs.com/docs/examples/reactjs/>

Further research conducted on the EmailJS site and the link above.