

# Patrick Proctor

patrick42h@gmail.com

patrickjproctor.com

317.850.4464

## Education

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### Purdue University School of Science

Indianapolis, Indiana  
BS Physics  
December 2015

### Indiana University School of Informatics

Indianapolis, Indiana  
BS Informatics w/ New Media Cognate  
May 2010

## Skills

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- Front-end web development (jQuery, HTML5, Bootstrap)
- PHP, MySQL, Python, Ruby, Shell scripting
- Jira, Confluence, GitHub
- Analytic geometry and calculus up to and including graduate-level vector calculus
- MS Office, LaTeX, technical writing and documentation

## Recent Work Experience

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- **Hourly Web Developer/Consultant** (*July 2012 – Present*)  
**Indiana University, Indianapolis, Indiana**  
Creating solutions and resources for IU's Enterprise Web Technical Services  
Consulting with departmental web masters on IU's Google Custom Search implementation  
Helping to maintain IU's podcasting infrastructure and planning a new blogging service  
Writing IU Knowledge Base documentation and updating Confluence wiki as needed
- **Associate Web Developer** (*July 2010 – February 2012*)  
**MediaSauce, Carmel, Indiana**  
Creating interactive, content-rich websites with WordPress, ExpressionEngine, and PHP  
Front-end work includes jQuery, CSS-based layout  
Resolving design/development issues as they arise

## Project Work

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- **Analysis of the physical parameters of a Dyson Sphere** (*Summer 2015 - Present*)  
Senior capstone project carried out with help from a professor in the IUPUI Physics Department  
How large and thick must a Dyson Sphere be to create habitable gravity and temperature on the exterior surface?
- **Website for Indiana Outboard Association** (*2008 – Present*)  
Volunteered time and labor to build a website for a nonprofit outboard racing club in the Midwest  
Built on WordPress with jQuery-driven front end
- **Outboard hydroplane racing** (*2001 – Present*)  
Amateur sport sanctioned through the American Power Boat Association  
Kneel-down wooden hydroplanes driven by modified two-stroke fishing motors  
Responsible for maintaining and modifying own equipment and coming up with quick fixes

## Awards

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- **Sallee Engineering Award** (*2014 racing season*)  
Accumulated the highest number of points in the IOA while running only one class
- **APBA National High Point Champion** in 200cc Modified Hydroplane (*2010 racing season*)  
Accumulated the highest number of point in my class nationally