

# Nicholas Bannister-Andrews

Front-End Web Developer/Programmer/User Experience Engineer

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## Education

Indiana University, Bloomington, IN  
Bachelor of Science, Informatics, 2004

## Languages & Technologies

HTML5, CSS3/LESS, Javascript  
(+jQuery), PHP (Wordpress+Plugins),  
Python: Command Line, Web (Google  
App Engine)

## Interests

Designing Things, Problem Solving,  
UX/UI Design, Functional  
Programming, Mobile Development,  
Tinkering, Cooking, Traveling,  
Tabletop Games

## EXPERIENCE

### AquaSpy

aquaspy.com - March - May 2014  
Adelaide, Australia/San Diego, CA, USA - Remote

#### Freelance Front-End Web Developer

- Built responsive site for client's specific needs from designer's mockups
- Supported phones, tablets, and desktops across Android, iOS, Mac, and Windows browsers
- Communicated over chat, phone, and email to clients three time-zones away
- Asked for my advice on implementing features

### WebLink International

weblinkinternational.com - March - June 2014  
Indianapolis, IN, USA

#### Contract Front-End Web Developer

- Turned unresponsive sites into responsive sites
- Matched websites to mockups
- Worked with Project Managers to make sure projects were on time and complete
- Collaborated with and helped other developers
- Entered content into CMS
- Performed Quality Assurance (QA) testing

### Holon Publishing

holonpublishing.com - December 2013 - February 2014  
Bloomington, IN, USA

#### Freelance Front-End Web Developer

- Participated in brainstorming
- Helped troubleshoot Wordpress RSS feed issues

### AquaSpy

aquaspy.com - June - October 2013  
Adelaide, Australia/San Diego, CA, USA - Remote

#### Freelance Front-End Web Developer

- Asked to help program the client-side code to replace a current page
- Added AJAX calls for large dataset downloads
- Added user feedback for data processing and downloads
- Simplified and cleaned up user interface
- Incorporated Local Storage for faster testing

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## The Auri Group

aurigroup.com - January - Present 2013

Indianapolis, IN

### **Freelance Front-End Developer**

- Helped troubleshoot CSS for a Windows 8 App

## The Auri Group

aurigroup.com - October 2010 – October 2012

Indianapolis, IN

### **User Experience Engineer**

- Refactored/reorganized ~5000 lines of plain, unorganized Javascript code into modules; commented code; reduced number of lines of code by > 60%
- Styled several complicated websites from scratch from Photoshop documents
- Created customized Wordpress sub themes for several websites
- Modified Wordpress plugins to better suit clients' needs
- Discussed issues with clients, in-person, through email, and over the phone
- Resident CSS & Javascript/jQuery expert; asked to help debug CSS and Javascript
- Researched and fixed browser-specific bugs (CSS & Javascript)
- Helped create apps (native and web) for both the Android and iOS platforms

## The Eppley Institute for Parks and Public Lands

*eppley.org* - August 2007 - October 2009

Indiana University, Bloomington, IN

### **Web Developer**

- Designed and programmed database-driven Web Applications
- Updated web content
- Programmed interactive and animated content for e-courses using both Flash and Javascript
- Converted audio and video from various sources
- Edited and prepared video for distribution on DVD and the Internet; Flash video players
- Facilitated distributed classroom sessions for the U.S. National Park Service
- Designed and programmed a custom web application for the National Park Service training program
- Supported co-workers with computer and technology issues

## The Center for Survey Research

indiana.edu/~csr - 1999 - 2007

Indiana University, Bloomington, IN

### **Programmer/Computing Assistant**

- Involved in designing and programming Web-based survey and intranet/extranet applications
- Managed and programmed optical data capture for paper questionnaires
- Designed the National Survey of Student Engagement web and paper questionnaires for 2000-2007

## Other

### **A Href Interactive**

ahrefinteractive.com - March - May 2011

Bloomington, IN

### **Free Lance Developer**

- Debugged CSS and Javascript for cross-platform compatibility

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WonderLab Museum of Health, Science and Technology

wonderlab.org - 1996 - 2004

Bloomington, IN

## **Volunteer Web Developer**

- Maintained and updated website content
- Assisted in the redesign of the web site on multiple occasions
- Transferred the web site to a new host